# Thermo Scientific Laboratory Consumables Catalog

Bioproduction | Cell Culture | Diagnostics
Filtration | General Labware | IVF
Microplates for Drug Discovery | Packaging
Sample Storage

## Quality, Choice and Innovation

for your applications

Thermo SCIENTIFIC

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## Closure system

Designed and offered as a system, Nalgene bottles and closures are guaranteed leakproof* and offer superior resealability. Most Nalgene closures have no liner** that can wear, crease, cause contamination or separate.

Nalgene closures are made specifically for Nalgene bottles. Use of Nalgene bottles or closures with non-Nalgene components voids the leakproof guarantee. All bottles in this catalog have Nalgene closures available.

* *Leakproof* defined in the product sections.

** Closures with gaskets or liners are noted in the product descriptions.

## Thermo Scientific Nalgene Sample Bags

### low-density polyethylene

**Nalgene™ Sample Bags are ideal for small lab items, botanical samples and other specimens.**

These heavy-duty, double-track zipper bags lock securely, so dry samples stay dry and moist samples stay moist.

### details

- Low-density polyethylene is clear for easy identification of contents
- 4-mil thick walls are strong and waterproof, to protect your samples
- Bags are waterproof to keep contents dry
- Transparent

*Notes: Not recommended for storing liquids*

**Nalgene Sample Bags**

| Cat. No. | W x L, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|
| 6255-0406 | 10.2 x 15.2 (4 x 6) | 50 | 500 |
| 6255-0508 | 12.7 x 20.3 (5 x 8) | 50 | 500 |
| 6255-0613 | 15.2 x 33.0 (6 x 13) | 50 | 250 |
| 6255-0913 | 22.9 x 33.0 (9 x 13) | 50 | 250 |
| 6255-0918 | 22.9 x 45.7 (9 x 18) | 50 | 250 |

**seal ring** A seal ring molded inside the closure fits tightly against the beveled inner edge (chamfer) of the bottle neck forming a leakproof valve seal as the closure is tightened. Most bottles and closures are molded of different materials to enhance their sealing capability.

**neck ring** Most Nalgene bottles have a neck ring for use with tamper-evident shrink bands.

**threads** Nalgene containers have continuous straight-shouldered, semi-buttress threads. They are deeper than you'll find on typical plastic or glass bottles. It's virtually impossible to jump or strip the threads by over-torque. They're another mark of good bottle design.

**heavy-duty, uniform walls** You can feel and see the difference. Advanced molding technology provides walls with a degree of uniform thickness and quality you will not find in other bottles. The durable walls of Nalgene bottles are unusually resistant to splitting or puncturing.

**bottom** Look at the bottom of a Nalgene bottle. The base is flatter than most for greater stability – especially important when bottles are used on filling lines. Resin identification letters are molded into the bottom, along with the capacity. SPI recycling codes are molded into Lab Quality Bottles 500 mL and larger.

## Thermo Scientific Nalgene Griffin Low-Form Beakers

### polypropylene copolymer

**Nalgene™ Griffin Low-Form Beakers provide excellent chemical resistance and convenient stacking capabilities.**

All sizes have easy-to-read silk-screened graduations.

details

- No drip, single-spout design provides precision pouring control
- With ribs for easy stacking
- Silk screened with graduations, size code, resin code, catalog number, max. temperature and "No Flame" symbol for easy identification and safe use
- Autoclavable/Graduated

**Compliance:** Meets ISO/DIN 7056 International Standards for Laboratory Plasticware Beakers.

*Notes: Not for use on hotplates.*

**Nalgene Griffin Low-Form Beakers**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 1201-0030 | 30 | 12 | 48 |
| 1201-0050 | 50 | 12 | 48 |
| 1201-0100 | 100 | 12 | 48 |
| 1201-0150 | 150 | 12 | 48 |
| 1201-0250 | 250 | 6 | 36 |
| 1201-0400 | 400 | 6 | 36 |
| 1201-0600 | 600 | 4 | 24 |
| 1201-1000 | 1000 | 3 | 12 |
| 1201-2000 | 2000 | 1 | 6 |
| 1201-4000 | 4000 | 1 | 4 |

# Thermo Scientific Nalgene Griffin Low-Form Beakers

## polymethylpentene

**Nalgene™ Griffin Low-Form Beakers are suitable for continuous use at 150°C with intermittent service to 175°C.**

Beakers have the transparency of glass, excellent chemical resistance and heat tolerance. All size beakers have easy to read silk-screened graduations.

### details

- Transparent PMP material allows a clear view of beaker contents
- No-drip, single-spout design provides precision pouring control
- With ribs for easy stacking
- Silk-screened with graduations, size code, resin code, catalog number, max. temperature and "No Flame" symbol for easy identification and safe use
- Autoclavable/Graduated/Transparent

**Compliance:** Meets ISO/DIN 7056 International Standards for Laboratory Plasticware Beakers.

*Notes: Not for use on hotplates.*

**Nalgene Griffin Low-Form Beakers**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 1203-0030 | 30 | 12 | 36 |
| 1203-0050 | 50 | 12 | 36 |
| 1203-0100 | 100 | 12 | 36 |
| 1203-0150 | 150 | 12 | 36 |
| 1203-0250 | 250 | 6 | 24 |
| 1203-0400 | 400 | 6 | 24 |
| 1203-0600 | 600 | 4 | 12 |
| 1203-1000 | 1000 | 3 | 12 |
| 1203-2000 | 2000 | 1 | 4 |
| 1203-4000 | 4000 | 1 | 4 |

# Thermo Scientific Nalgene Griffin Low-Form Beakers

## Teflon® PFA (perfluoroalkoxy)

**Nalgene™ Low-Form Beakers are molded from chemically-resistant perfluoroalkoxy resin.**

Heavy-wall design makes these beakers sturdy and tough for continual lab usage. Tolerates a wide temperature range: -270°C to +250°C.

### details

- No-drip single-spout design provides precision pouring control
- Highly resistant to most chemicals, including the strongest sulfuric, nitric, chromic and phosphoric acids – will not contaminate contents with leachables
- Withstands extreme temperatures from -270°C to +250°C for versatility in your lab
- Autoclavable/PFA

*Notes: Not for use on hotplates.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Griffin Low-Form Beakers**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 1510-0050 | 50 | 1 | 6 |
| 1510-0100 | 100 | 1 | 6 |
| 1510-0250 | 250 | 1 | 6 |
| 1510-0600 | 600 | 1 | 4 |
| 1510-1000 | 1000 | 1 | 4 |

## Thermo Scientific Nalgene Graduated Beakers with Handles
### high-density polyethylene

**Nalgene™ HDPE Beakers with handles feature an extra-heavy wall for safe handling of acids, alkalis and hot solutions.**

Sturdy rectangular handle is easy on the hands, and provides reliable support and dispensing control.

### details

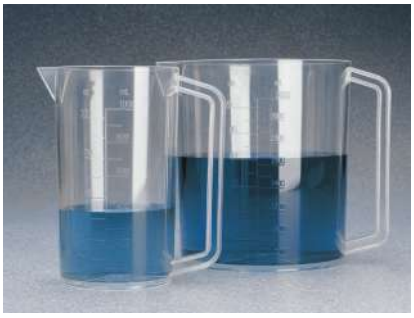
- Molded-in graduations in both oz. and mL won't wear off with continuous use or washings
- Molded-in rectangular handle provides easy, safe handling and pouring
- Excellent chemical resistance makes these usable for a wide range of solutions
- Graduated

*Notes: Not for use on hotplates.*

**Nalgene Graduated Beakers with Handles**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 1220-1250 | 1000 | 1 | 6 |
| 1220-2500 | 3000 | 1 | 6 |

## Thermo Scientific Nalgene Graduated Beakers with Handles
### polymethylpentene



**Nalgene™ PMP Beakers resist acids, bases, aliphatic alcohols, aldehydes and esters.**

Beakers have rectangular handle for easy carrying and pouring and withstand continuous use at high temperatures.

### details

- Withstands continuous exposure to temperatures as high as 150°C and intermittent temperatures to 175°C
- Transparent to microwaves
- Transparent PMP material allows a clear view of beaker contents
- Molded-in graduation in both oz. and mL won't wear off with continuous use or washings
- Excellent chemical resistance to acids, bases and aliphatic alcohols make these beakers useful for a broad range of solutions
- Sturdy, molded-in rectangular handle provides easy, safe handling and pouring
- Autoclavable/Transparent/Graduated

*Notes: Not for use on hotplates.*

**Nalgene Graduated Beakers with Handles**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 1223-1000 | 1000 | 1 | 6 |
| 1223-3000 | 3000 | 1 | 6 |

# Thermo Scientific Nalgene Graduated Beakers with Handles

## Teflon® PFA (perfluoroalkoxy)

**Nalgene™ Beakers with Handles feature extraordinary chemical resistance and can be used repeatedly for high-purity applications.**

Can be used (and re-used) with strong oxidizing agents, acids, hydrocarbons and ketones. Widest temperature range: -270°C to +250°C. Not for use on hot plates. Teflon® PFA is "non-stick" making the beaker easy to clean and resistant to contamination.

### details

- Withstands exposure to extreme temperatures from -270°C to 250°C
- Rigid and translucent, enabling easy and consistent viewing of liquid levels
- Molded-in graduation in both oz. and mL won't wear off with continuous use or washings
- Excellent chemical resistance to strong ozidizing agents, acids, hydrocarbons and ketones make these beakers useful for a broad range of high-purity applications
- Molded-in rectangular handle provides easy, safe handling and pouring
- Autoclavable

*Notes: Not for use on hotplates.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Graduated Beakers with Handles**

| Cat. No. | Capacity, mL | No. per Case |
|---|---|---|
| DS1511-1000 | 1000 | 1 |
| DS1511-3000 | 3000 | 1 |

The Thermo Scientific Nalgene Labware Value Pack offers a convenient assortment of beakers and other popular labware items.

see page 302

# Thermo Scientific Nalgene Clean Sheets Bench/Drawer Liner

## polyethylene

**Nalgene™ polyethylene bench/drawer liners are ideal as a sink liner or titration background.**

Can be cut to any size and stapled, tacked or taped. Provides cushioning and liquid barrier protection.

### details

- Made of 1/8 in. (3.2 mm) thick closed-cell polyethylene foam to cushion benchtop items
- Smooth and resilient, this nonabsorbent pad is versatile in your lab – use for a multitude of purposes
- Excellent chemical resistance provides protection wherever placed against spills
- Can be cut to any size to fit benches, shelves, drawers – anywhere protection is needed against spills, vibration, heat, dirt or breakage
- Non-absorbant

**Nalgene Clean Sheets™ Bench/Drawer Liner**

| Cat. No. | W x L | No. per Pack | No. per Case |
|---|---|---|---|
| 6283-1250 | 305 mm x 15.2 m (12 in x 50 ft.) | 1 | 2 |
| 6283-1850 | 457 mm x 15.2 m (18 in x 50 ft.) | 1 | 2 |

# Thermo Scientific Nalgene Versi-Dry Surface Protectors

## absorbent fiber with polyethylene backing

**Nalgene™ Versi-Dry™ Surface Protectors have thousands of Thirsty Cells to quickly absorb spills and cushion breakable labware.**

The polyethylene backing protects your benchtop from the harshest of chemicals. Can be used as a bench protector, shelf liner, cabinet liner or for wiping up isolated spills.

### details

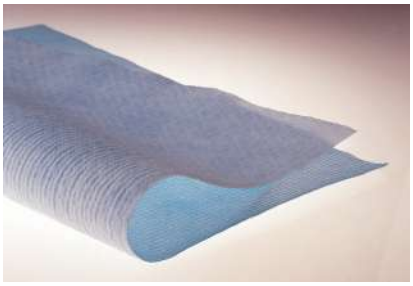
- Cushioned surface minimizes breakage of glass labware when dropped or tipped over
- Skid resistant polyethylene backing resists harsh chemicals and protects your benchtop from spills and corrosion
- Low-pile flat surface provides stability for glassware that is likely to tip
- Versi-Dry quickly absorbs up to 750 mL/m$^2$ spills with its thousands of Thirsty Cells

**Nalgene Versi-Dry Surface Protectors**

| Cat. No. | L x W | No. per Case |
|---|---|---|
| **Mat** | | |
| 62080-00 | 46 cm x 51 cm (18 x 20 in.) | 350 |
| **Dispenser Roll** | | |
| 62050-00 | 51 cm x 91 m (20 in x 300 ft) | 1 |
| 62070-00 | 51 cm x 30 m (20 in x 100 ft) | 4 |
| **Rolls** | | |
| 62060-00 | 51 cm x 91 m (20 in x 300 ft) | 2 |
| 62065-00 | 51 cm x 46 m (20 in x 150 ft) | 2 |

# Thermo Scientific Nalgene Super Versi-Dry Surface Protectors

## absorbent fiber with polyethylene backers



**Nalgene™ Super Versi-Dry™ Surface Protectors are long-lasting, waterproof, skid-resistant and chemical resistant.**

Cloth-like top layer will not fall apart even when wet. Absorbs spills and cushions breakable items.

### details

- Cushioned surface minimizes breakage of glass labware when dropped or tipped over
- Sheets lie flat and are skid resistant – use as a bench protector, tray liner, floor mat, cage liner or surgical mat
- Low-pile flat surface provides stability for glassware that is likely to top and is an ideal replacement for the "blue diaper"
- Polyethylene backing resists harsh chemicals and protects your benchtop from spills and corrosion
- Super Versi-Dry quickly absorbs up to 1050 mL/m$^2$ to quickly absorb spills with its thousands of Thirsty Cells

**Nalgene Super Versi-Dry Surface Protectors**

| Cat. No. | Description | L x W | No. per Case |
|---|---|---|---|
| **Mats** | | | |
| 74018-00 | | 46 x 51 cm (18 x 20 in.) | 350 |
| 74040-00 | | 46 x 102 cm (18 x 40 in.) | 175 |
| 74043-00 | Table Mat | 51 x 110 cm (20 x 43 in.) | 150 |
| 74200-00 | Floor Mat | 102 x 508 cm (40 x 200 in.) | 1 |
| 74218-00 | Fume Hood Mat | 46 x 51 cm (18 x 20 in.) | 100 |
| 74240-00 | Floor Mat | 46 x 102 cm (18 x 40 in.) | 50 |
| **Rolls** | | | |
| 74000-00 | | 51 x 76m (20 in. x 250 ft.) | 1 |
| 74050-00 | | 30m x 51 cm (20 in. x 100 ft.) | 4 |

# Thermo Scientific Nalgene Lab Quality Wide-Mouth Bottles

## high-density polyethylene

**Nalgene™ Lab Quality Wide-Mouth Bottles are general purpose bottles with countless applications in the lab or field.**

Wide mouth makes these bottles easy to fill. They exhibit excellent chemical resistance to to most acids, bases and alcohols and suitable for freezer use to -100°C or for shipping liquids. Leakproof† performance guaranteed.

### details

- Wide mouth makes these bottles easy to fill with solids or liquids
- Excellent chemical resistance to most corrosives make these bottles versatile and indispensable in your lab
- Ideal for storing, shipping and packaging liquids – uniform walls provide durability and resistance to splitting or punctures
- Can be used in a freezer down to -100°C (-148°F)
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaiminate your reagents
- Leakproof†

**Includes:** Polypropylene screw closures

*† The term "leakproof" applies to Thermo Scientific Nalgene products that meet the following criteria: a) Bottle/flask/funnel closure systems with closures smaller than 100 mm, after they are filled with water, inverted, withstand air pressure of 2psig for 2 minutes, and no water escapes;. b) Bottle/funnel/flask closure systems of larger than 100 mm after they are filled with water, inverted for 15 minutes, and no water escapes. Note: these tests, using other liquids, may not yield the same results. To ensure safe usage, customers are advised to test Thermo Scientific Nalgene bottles and closures under conditions of their planned applications. Thermo Scientific Nalgene products are leakproof at ambient temperature and pressure when used with their Nalgene closures.*

**Nalgene Lab Quality Wide-Mouth Bottles**

| Cat. No. | Capacity, mL (oz) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2104-0001 | 30 (1) | 28 | 21 | 34 | 63 | 12 | 72 |
| 2104-0002 | 60 (2) | 28 | 21 | 39 | 86 | 12 | 72 |
| 2104-0004 | 125 (4) | 38 | 28 | 50 | 99 | 12 | 72 |
| 2104-0008 | 250 (8) | 43 | 33 | 61 | 131 | 12 | 72 |
| 2104-0016 | 500 (16) | 53 | 44 | 73 | 168 | 12 | 48 |
| 2104-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 6 | 24 |
| 2104-0048 | 1500 (48) | 63 | 52 | 91 | 284 | 6 | 24 |

# Thermo Scientific Nalgene Wide-Mouth Economy Bottles

## natural high-density polyethylene, natural polypropylene screw closure

**Nalgene™ Wide-Mouth Economy Bottles are lightweight versions of the original Nalgene Lab Quality Bottles, and are suitable for general purpose laboratory applications.**

A leakproof†, lighter-weight, more flexible version of Nalgene Lab Quality Bottles for less rigorous lab use where a heavier bottle is not required. Wide mouth is easy to fill.

### details

- Economical and recyclable
- Wide mouth makes these bottles easy to fill with solids or liquids
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate your solutions
- Leakproof†

**Includes:** Polypropylene screw closures

**Nalgene Translucent Wide-Mouth Economy Bottles**

| Cat. No. | Capacity, mL (oz) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| 2189-0001 | 30 (1) | 28 | 21 | 34 | 63 | 72 |
| 2189-0002 | 60 (2) | 28 | 21 | 39 | 86 | 72 |
| 2189-0004 | 125 (4) | 38 | 28 | 50 | 99 | 72 |
| 2189-0008 | 250 (8) | 43 | 33 | 61 | 131 | 72 |
| 2189-0016 | 500 (16) | 53 | 44 | 73 | 168 | 48 |
| 2189-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 24 |

# Thermo Scientific Nalgene Wide-Mouth Economy Bottle Bulk Pack

## high-density polyethylene, polypropylene screw closure

**Nalgene™ Wide-Mouth Economy Bottle is a lightweight version of the original Nalgene bottle bulk packed for ultimate economy.**

Suitable for short-term general purpose laboratory and field applications such as collecting samples and containing working solutions like buffers, bench reagents and chemical aliquots. Thinner-walled and more flexible than the Nalgene Lab Quality Bottle, but still guaranteed leakproof†. Wide mouth is easy to fill with dry materials or liquids.

Lightweight versions of the original Nalgene Lab Quality bottle, suitable for light-duty, general purpose applications where a heavier bottle is not required

### details

- Excellent chemical resistance to most acids, bases and alcohols
- Bulk packed for the ultimate in economical liquid containment
- Wide mouth makes these bottles easy to fill with solids or liquids
- Linerless caps ensure leakproof† performance without a liner that can wrinkle, cause leaks and contaminate your solutions
- Leakproof†

**Ordering Information:** Packaged in bulk quantities.

**Includes:** Polypropylene screw closures.

*Notes: Direct UV exposure should be avoided. The Nalgene Lab Quality Bottle (Cat. No. 2104) is recommended for hazardous and critical material containment.*

**Nalgene Wide-Mouth Economy Bottle Bulk Pack**

| Cat. No. | Capacity, mL (oz) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| 332189-0002 | 60 (2) | 28 | 21 | 39 | 86 | 1000 |
| 332189-0004 | 125 (4) | 38 | 28 | 50 | 99 | 500 |
| 332189-0008 | 250 (8) | 43 | 33 | 61 | 131 | 250 |
| 332189-0016 | 500 (16) | 53 | 44 | 73 | 168 | 125 |
| 332189-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 50 |

# Thermo Scientific Nalgene Large Wide-Mouth Bottles

## high-density polyethylene, white polypropylene screw closure

**Nalgene™ Large Wide-Mouth Bottles are great for a wide range of lab and field uses – particularly recommended for storage of dry chemicals or water sampling.**

Good for use in the freezer to -100°C (-148°F). Chemical resistant HDPE is compatible with a wide variety of lab reagents.

### details

- Excellent chemical resistance to most acids, bases and alcohols make this a versatile bottle
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Linerless cap closes the bottle without a liner that can wrinkle, cause leaks and contaminate your solutions
- This bottle is not liquid leakproof

**Includes:** 100 mm polypropylene screw closures.

**Nalgene Large Wide-Mouth Bottles**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2120-0005 | 2 (1/2) | 100 | 89 | 119 | 244 | 1 | 6 |
| 2120-0010 | 4 (1) | 100 | 89 | 153 | 288 | 1 | 6 |

# Thermo Scientific Nalgene Wide-Mouth Bottles

## low-density polyethylene, polypropylene screw closures

**Nalgene™ Wide-Mouth Bottles are translucent and offer flexibility and impact resistance.**

Ideal for storing chemicals and standards, collecting and storing distilled water. Extremely low trace metal content in LDPE makes it ideal for trace metal analysis. Excellent chemical resistance to most acids, bases and alcohols.

### details

- Extremely low trace metal content in LDPE makes it ideal for trace metal analysis
- Excellent chemical resistance to most acids, bases and alcohols make this a versatile bottle; suitable for shipping liquids
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Wide mouth is easy to fill
- Translucence allows easy viewing of liquid levels
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate solutions
- Leakproof†

**Includes:** Polypropylene screw closures.

**Nalgene Wide-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2103-0001 | 30 (1) | 28 | 21 | 34 | 63 | 12 | 72 |
| 2103-0002 | 60 (2) | 28 | 21 | 39 | 86 | 12 | 72 |
| 2103-0004 | 125 (4) | 38 | 28 | 50 | 99 | 12 | 72 |
| 2103-0008 | 250 (8) | 43 | 33 | 61 | 131 | 12 | 72 |
| 2103-0016 | 500 (16) | 53 | 44 | 73 | 168 | 12 | 48 |
| 2103-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 6 | 24 |

# Thermo Scientific Nalgene Lab Quality Wide-Mouth Bottles

## polypropylene copolymer, polypropylene screw closure

**Nalgene™ Lab Quality Wide-Mouth Bottles are ideal for storing specimens and where autoclaving is required.**

Wide mouth makes it easy to fill. Exhibits excellent chemical resistance to most acids, bases and alcohols.

### details

- General purpose bottle exhibits excellent chemical resistance for a variety of uses in the lab
- Translucence allows easy viewing of liquid levels
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate your solutions
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Lab Quality Wide-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2105-0001 | 30 (1) | 28 | 21 | 34 | 63 | 12 | 72 |
| 2105-0002 | 60 (2) | 28 | 21 | 39 | 86 | 12 | 72 |
| 2105-0004 | 125 (4) | 38 | 28 | 50 | 99 | 12 | 72 |
| 2105-0008 | 250 (8) | 43 | 33 | 61 | 131 | 12 | 72 |
| 2105-0016 | 500 (16) | 53 | 44 | 73 | 168 | 12 | 48 |
| 2105-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 6 | 24 |

# Thermo Scientific Nalgene Wide-Mouth Economy Bottles

## polypropylene copolymer, polypropylene screw closure

**Nalgene™ Wide-Mouth Economy Bottles are lightweight versions of the original Nalgene Lab Quality bottle, suitable for light-duty, general purpose applications where a heavier bottle is not required.**

### details

- Lightweight versions of the original Nalgene Lab Quality bottle, suitable for light-duty, general purpose applications where a heavier bottle is not required
- Economical and recyclable
- Translucence allows easy viewing of liquid levels
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate your solutions
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Wide-Mouth Economy Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| 2187-0001 | 30 (1) | 28 | 21 | 34 | 63 | 72 |
| 2187-0002 | 60 (2) | 28 | 21 | 39 | 86 | 72 |
| 2187-0004 | 125 (4) | 38 | 28 | 50 | 99 | 72 |
| 2187-0008 | 250 (8) | 43 | 33 | 61 | 131 | 72 |
| 2187-0016 | 500 (16) | 53 | 44 | 73 | 168 | 48 |
| 2187-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 24 |

# Thermo Scientific Nalgene Large Wide-Mouth Bottles

## polypropylene copolymer, white polypropylene screw closure

**Nalgene™ Large Wide-Mouth Bottles are specifically designed for applications where large volumes require autoclaving – large cap makes it easy to access contents.**

### details

- Designed for applications where large volumes require autoclaving
- Large cap makes it easy to access contents
- Excellent chemical resistance makes this bottle suitable for a wide variety of uses in the lab or field
- Linerless cap closes the bottle without a liner that can wrinkle, cause leaks and contaminate your solutions
- Autoclavable

**Includes:** 100 mm polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving. This bottle is not liquid leakproof.*

**Nalgene Large Wide-Mouth Bottles**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2121-0005 | 2 (1/2) | 100 | 89 | 120 | 244 | 1 | 6 |
| 2121-0010 | 4 (1) | 100 | 89 | 153 | 288 | 1 | 6 |

# Thermo Scientific Nalgene Lab Quality Amber Wide-Mouth Bottles

## amber high-density polyethylene, amber polypropylene screw closures

**Nalgene™ Amber Wide-Mouth Bottles reduce UV light transmissions to protect light-sensitive contents.**

Useful for storage, shipping and packaging. Excellent chemical resistance to most acids, bases and alcohols. Easy to fill wide mouth. Guaranteed Leakproof†.

### details

- Opaque amber reduces UV light transmissions to protect light-sensitive contents
- Excellent chemical resistance to most acids, bases and alcohols make this a versatile bottle where exposure to light needs to be restricted
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Wide mouth is easy to fill
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate solutions
- Leakproof†

**Includes:** Amber polypropylene screw closures.

**Compliance:** Product meets the requirements for light-resistant containers per USP latest edition.

**Nalgene Lab Quality Amber Wide-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2106-0001 | 30 (1) | 28 | 21 | 34 | 63 | 12 | 72 |
| 2106-0002 | 60 (2) | 28 | 21 | 39 | 86 | 12 | 72 |
| 2106-0004 | 125 (4) | 38 | 28 | 50 | 99 | 12 | 72 |
| 2106-0008 | 250 (8) | 43 | 33 | 61 | 131 | 12 | 72 |
| 2106-0016 | 500 (16) | 53 | 44 | 73 | 168 | 12 | 48 |
| 2106-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 6 | 24 |

# Thermo Scientific Nalgene Amber Wide-Mouth Economy Bottles

## amber high-density polyethylene, amber polypropylene screw closures

**Nalgene™ Amber Wide-Mouth Bottles are lightweight versions of the original Nalgene Amber Lab Quality bottle, suitable for light-duty, general purpose applications where a heavier bottle is not required.**

Opaque Amber HDPE bottles reduce UV light transmissions to protect light-sensitive liquids.

Excellent chemical resistance to most acids, bases and alcohols make this a versatile bottle where exposure to light needs to be restricted

### details

- Opaque amber reduces UV light transmissions to protect light-sensitive liquids
- Economical and recyclable; designed for single use
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Wide mouth for easy filling, sampling
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate your solutions
- Leakproof†

**Includes:** Polypropylene screw closures.

**Compliance:** Product meets the requirements for light-resistant containers per USP latest edition.

**Nalgene Amber Wide-Mouth Economy Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| DS2185-0001 | 30 (1) | 28 | 21 | 34 | 63 | 72 |
| DS2185-0002 | 60 (2) | 28 | 21 | 39 | 86 | 72 |
| DS2185-0004 | 125 (4) | 38 | 28 | 50 | 99 | 72 |
| DS2185-0008 | 250 (8) | 43 | 33 | 61 | 131 | 72 |
| DS2185-0016 | 500 (16) | 53 | 44 | 73 | 168 | 48 |
| DS2185-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 24 |

# Thermo Scientific Nalgene Wide-Mouth Bottles

## polymethylpentene, polypropylene screw closure

**Nalgene™ Wide-Mouth PMP Bottles are designed to withstand temperatures from 20° to 175°C (68° to 347°F).**

Clear bottles offer better chemical resistance than transparent polycarbonate bottles. Withstands repeated autoclaving – even at 150°C (302°F). Guaranteed Leaproof†.

### details

- Designed to tolerate a wide range of temperatures for versatility in the lab
- Good chemical resistance to acids and bases make these bottles suitable for a wide range of solutions
- Better clarity than other bottles of similar chemical resistance
- Linerless caps ensure leakproof performance without a liner that can wrinkle, cause leaks and contaminate your solutions
- Autoclavable/Transparent/Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Wide-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2107-0004 | 125 (4) | 33 | 28 | 46 | 114 | 4 | 24 |
| 2107-0008 | 250 (8) | 43 | 33 | 58 | 125 | 4 | 24 |
| 2107-0016 | 500 (16) | 48 | 38 | 71 | 155 | 4 | 16 |
| 2107-0032 | 1000 (32) | 53 | 43 | 89 | 203 | 4 | 16 |

# Thermo Scientific Nalgene Lab Quality Narrow-Mouth Bottles

## high-density polyethylene, polypropylene screw closure

**Nalgene™ Lab Quality Bottles are specifically designed for demanding lab use.**

Nalgene Lab Quality Narrow-Mouth bottles are all-purpose Boston round bottles that are highly reliable and durable for long-term use. Ideal for storing, shipping and packaging liquids, these semi-rigid and translucent bottles offer excellent chemical resistance. Guaranteed leakproof†.

### details

- Excellent chemical resistance to most corrosives make these bottles versatile and indispensable in your lab
- Ideal for storing, shipping and packaging liquids – uniform walls provide durability and resistance to splitting or punctures
- Can be used in a freezer down to -100°C (-149°F)
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks or contaminate your reagents
- Leakproof†

**Includes:** Polypropylene screw closures.

**Nalgene Lab Quality Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2002-9125 | 4 (1/8) | 13 | 8 | 16 | 41 | 12 | 72 |
| 2002-9025 | 8 (1/4) | 20 | 14 | 25 | 45 | 12 | 72 |
| 2002-9050 | 15 (1/2) | 20 | 14 | 25 | 58 | 12 | 72 |
| 2002-0001 | 30 (1) | 20 | 14 | 34 | 61 | 12 | 72 |
| 2002-0002 | 60 (2) | 20 | 14 | 37 | 85 | 12 | 72 |
| 2002-0004 | 125 (4) | 24 | 18 | 50 | 101 | 12 | 72 |
| 2002-0006 | 175 (6) | 24 | 18 | 54 | 125 | 12 | 72 |
| 2002-0008 | 250 (8) | 24 | 18 | 61 | 133 | 12 | 72 |
| 2002-0016 | 500 (16) | 28 | 21 | 73 | 170 | 12 | 48 |
| 2002-9016 | 500 (16) | 38-430 | 27 | 73 | 170 | 12 | 48 |
| 2002-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 6 | 24 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers**
or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

# Thermo Scientific Nalgene Narrow-Mouth Economy Bottles

## natural high-density polyethylene

**Nalgene™ Narrow-Mouth Economy Bottles are lightweight versions of the original Nalgene Lab Quality Bottle, suitable for lighter-duty, general-purpose applications.**

Nalgene Economy Bottles are guaranteed leakproof, and are suitable for containing samples and daily working solutions like buffers and bench reagents. Guaranteed leakproof†.

### details

- Lightweight versions of the original Nalgene Lab Quality bottle, suitable for light-duty, general-purpose applications where a heavier bottle is not required
- Economical and reusable
- Translucence allows easy viewing of liquid levels
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks or contaminate your reagents
- Leakproof†

**Includes:** Polypropylene screw closures.

**Nalgene Narrow-Mouth Economy Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| 2089-0001 | 30 (1) | 20 | 14 | 34 | 61 | 72 |
| 2089-0002 | 60 (2) | 20 | 14 | 37 | 85 | 72 |
| 2089-0004 | 125 (4) | 24 | 18 | 50 | 101 | 72 |
| 2089-0008 | 250 (8) | 24 | 18 | 61 | 133 | 72 |
| 2089-0016 | 500 (16) | 28 | 21 | 73 | 170 | 48 |
| 2089-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 24 |

# Thermo Scientific Nalgene Narrow-Mouth Economy Bottle Bulk Pack

## high-density polyethylene, assembled

**Nalgene™ Narrow-Mouth Economy Bottle Bulk Packs are constructed of break-resistant translucent HDPE.**

These durable, break-resistant bottles are a lightweight version of the original Nalgene Lab Quality bottle, suitable for light-duty, general-purpose applications where a heavier bottle is not required. Guaranteed leakproof†.

### details

- Lightweight versions of the original Nalgene Lab Quality bottle suitable for light-duty, general-purpose applications where a heavier bottle is not required
- Economical and recyclable; designed for single use
- Translucence allows easy viewing of liquid levels
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks or contaminate your reagents
- Leakproof†

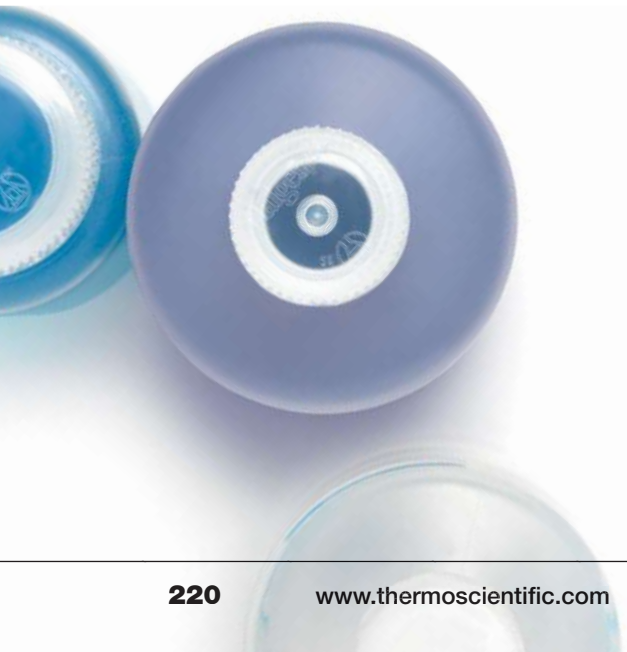
**Includes:** Polypropylene screw closures

**Ordering Information:** Conveniently packaged in bulk quantities

*Notes: Direct UV exposure should be avoided. The Nalgene Lab Quality Bottle (Cat. No. 2002-series) is recommended for hazardous or other critical material containment.*

**Nalgene Narrow-Mouth Economy Bottle Bulk Pack**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| 332089-0004 | 125 (4) | 24 | 18 | 50 | 101 | 500 |
| 332089-0008 | 250 (8) | 24 | 18 | 61 | 133 | 250 |
| 332089-0016 | 500 (16) | 28 | 21 | 73 | 170 | 125 |
| 332089-0032 | 1000 (32) | 38-430 | 27 | 92 | 216 | 50 |



# Thermo Scientific Nalgene Narrow-Mouth Bottles

## low-density polyethylene

**Nalgene™ LDPE Narrow-Mouth bottles are extremely low in trace metal content, making them an excellent choice for applications like trace metal analysis. Exhibits flexibility, impact resistance and excellent visibility of contents.**

Excellent chemical resistance to most acids, bases and alcohols. Guaranteed leakproof†.

### details

- Extremely low in trace metal content, making them an excellent choice for applications including trace metal analysis.
- Exhibits flexibility, impact resistance and excellent visibility of contents for a wide variety of uses in the lab
- Excellent chemical resistance to most acids, bases and alcohols make this a versatile bottle
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Translucence allows easy viewing of liquid levels
- Linerless caps provide the ultimate in leakproof protection without use of liner that can wrinkle, cause leaks or contaminate your reagents
- Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2003-9025 | 8 (1/4) | 20 | 14 | 25 | 45 | 12 | 72 |
| 2003-9050 | 15 (1/2) | 20 | 14 | 25 | 58 | 12 | 72 |
| 2003-0001 | 30 (1) | 20 | 14 | 34 | 61 | 12 | 72 |
| 2003-0002 | 60 (2) | 20 | 14 | 37 | 85 | 12 | 72 |
| 2003-0004 | 125 (4) | 24 | 18 | 50 | 101 | 12 | 72 |
| 2003-0008 | 250 (8) | 24 | 18 | 61 | 133 | 12 | 72 |
| 2003-0016 | 500 (16) | 28 | 21 | 73 | 170 | 12 | 48 |
| 2003-9016 | 500 (16) | 38-430 | 27 | 73 | 170 | 12 | 48 |
| 2003-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 6 | 24 |

# Thermo Scientific Nalgene Large Narrow-Mouth Bottles

## low-density polyethylene

**Nalgene™ Large Narrow-Mouth Bottles are translucent and offer flexibility, impact resistance and excellent visibility of contents.**

Ideal for storing chemicals and standards, collecting and storing distilled water. Extremely low trace metal content in LDPE makes them ideal for trace metal analysis. Guaranteed leakproof†.

### details

- Extremely low trace metal content in LDPE makes them ideal for trace metal analysis
- Excellent chemical resistance to most acids, bases and alcohols make these versatile bottles
- Can be used in freezer to -100°C (-148°F) for long-term storage
- 4 and 8 L sizes feature a built-in shoulder loop for attaching identification tag
- Translucence allows easy viewing of liquid levels
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contiminate your reagents
- Leakproof†

**Includes:** Leakproof† polypropylene screw closures.

*Notes: Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Large Narrow-Mouth Bottles**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2202-0005 | 2 (1/2) | 38-430 | 25 | 121 | 249 | 1 | 6 |
| 2202-0010 | 4 (1) | 38-430 | 25 | 152 | 333 | 1 | 6 |
| 2202-0020 | 8 (2) | 53B | 37 | 193 | 409 | 1 | 6 |

# Thermo Scientific Nalgene Lab Quality Amber Narrow-Mouth Bottles

## amber high-density polyethylene

**Nalgene™ Lab Quality Amber Narrow-Mouth Bottles reduce UV light transmissions to protect light-sensitive liquids.**

Useful for storage, shipping and packaging. Excellent chemical resistance to most acids, bases and alcohols.

### details

- Opaque Amber reduces UV light transmissions to protect light-sensitive liquids
- Excellent chemical resistance to most acids, bases and alcohols make these versatile bottles useful where exposure to light needs to be restricted
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaiminate your reagents
- Leakproof†

**Includes:** Amber polypropylene screw closures.

**Compliance:** Product meets the requirements for light-resistant containers per USP latest edition.

*Notes: Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Lab Quality Amber Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2004-9125 | 4 (1/8) | 13 | 8 | 16 | 41 | 12 | 72 |
| 2004-9025 | 8 (1/4) | 20 | 14 | 25 | 45 | 12 | 72 |
| 2004-9050 | 15 (1/2) | 20 | 14 | 25 | 58 | 12 | 72 |
| 2004-0001 | 30 (1) | 20 | 14 | 34 | 61 | 12 | 72 |
| 2004-0002 | 60 (2) | 20 | 14 | 37 | 85 | 12 | 72 |
| 2004-0004 | 125 (4) | 24 | 18 | 50 | 101 | 12 | 72 |
| 2004-0008 | 250 (8) | 24 | 18 | 61 | 133 | 12 | 72 |
| 2004-0016 | 500 (16) | 28 | 21 | 73 | 170 | 12 | 48 |
| 2004-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 6 | 24 |

# Thermo Scientific Nalgene Amber Narrow-Mouth Economy Bottles

## amber high-density polyethylene

**Nalgene™ Amber Narrow-Mouth Bottles are lightweight versions of the original Nalgene Amber Lab Quality bottle, suitable for light-duty, general purpose applications where a heavier bottle is not required.**

Opaque Amber HDPE bottles reduce UV light transmissions to protect light-sensitive liquids. Useful for storage, shipping and packaging. Guaranteed leakproof†.

### details

- Opaque Amber reduces UV light transmissions to protect light-sensitive liquids
- Excellent chemical resistance to most acids, bases and alcohols make these versatile bottles useful where exposure to light needs to be restricted
- Suitable for light-duty, general purpose applications where a heavier bottle is not required
- Economical and recyclable; designed for single use
- Can be used in freezer to -100°C (-148°F) for long-term storage
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaiminate your reagents
- Leakproof†

**Includes:** Amber polypropylene screw closures.

**Compliance:** Product meets the requirements for light-resistant containers per USP latest edition.

*Notes: Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Amber Narrow-Mouth Economy Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| DS2085-0001 | 30 (1) | 20 | 14 | 34 | 61 | 72 | 72 |
| DS2085-0002 | 60 (2) | 20 | 14 | 37 | 86 | 72 | 72 |
| DS2085-0004 | 125 (4) | 24 | 18 | 50 | 101 | 72 | 72 |
| DS2085-0008 | 250 (8) | 24 | 18 | 61 | 133 | 72 | 72 |
| DS2085-0016 | 500 (16) | 28 | 21 | 73 | 170 | 48 | 48 |
| DS2085-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 24 | 24 |

# Thermo Scientific Nalgene Large Amber Narrow-Mouth Bottles

## amber polypropylene copolymer

**Nalgene™ Amber Narrow-Mouth reduce UV light transmissions to protect light-sensitive liquids.**

Useful for storing chemicals and standards, collecting and storing distilled water. Amber color reduces exposure to UV light.

### details

- Opaque amber reduces UV light transmissions to protect light-sensitive liquids
- Excellent chemical resistance to most acids, bases and alcohols make these versatile bottles where exposure to light needs to be restricted
- 4 and 8 L sizes feature a built-in shoulder loop on larger sizes for attaching identification tag
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Autoclavable/Leakproof†

**Includes:** Amber polypropylene screw closures, except for 8 L which includes a white PP closure with a TPE gasket.

**Compliance:** Product meets the requirements for light-resistant containers per USP latest edition.

*Notes: Completely disengage threads or remove cap before autoclaving. Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Amber Narrow-Mouth Bottles**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2204-0005 | 2 (1/2) | 38-430 | 25 | 121 | 249 | 1 | 6 |
| 2204-0010 | 4 (1) | 38-430 | 25 | 152 | 333 | 1 | 6 |
| 2204-0020 | 8 (2) | 53B | 37 | 193 | 409 | 1 | 6 |

# Thermo Scientific Nalgene Narrow-Mouth Bottles

## polypropylene copolymer, polypropylene screw closures

**Nalgene™ Narrow-Mouth Boston Round Bottles are ideal for lab applications requiring excellent chemical resistance and autoclaving with and without contents.**

Translucence provides good clarity for viewing contents. Autoclavable. Guaranteed leakproof†.

### details

- Provides excellent chemical resistance for a variety of lab applications
- Versatile – can autoclave with and without contents for repeated use in the lab
- Translucence provides good clarity for viewing contents
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving. Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Autoclavable Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2006-9125 | 4 (1/8) | 13 | 8 | 16 | 41 | 12 | 72 |
| 2006-9025 | 8 (1/4) | 20 | 14 | 25 | 45 | 12 | 72 |
| 2006-9050 | 15 (1/2) | 20 | 14 | 25 | 58 | 12 | 72 |
| 2006-0001 | 30 (1) | 20 | 14 | 34 | 61 | 12 | 72 |
| 2006-0002 | 60 (2) | 20 | 14 | 37 | 85 | 12 | 72 |
| 2006-0004 | 125 (4) | 24 | 18 | 50 | 101 | 12 | 72 |
| 2006-0008 | 250 (8) | 24 | 18 | 61 | 133 | 12 | 72 |
| 2006-0016 | 500 (16) | 28 | 21 | 73 | 170 | 12 | 48 |
| 2006-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 6 | 24 |

# Thermo Scientific Nalgene Narrow-Mouth Economy Bottles

## polypropylene copolymer, polypropylene screw closure

**Nalgene™ Narrow-Mouth Economy Bottles are lightweight versions of the original Nalgene Lab Quality bottle, suitable for light-duty, general purpose applications where a heavier bottle is not required.**

Economically priced, these bottles are designed for single use. Guaranteed leakproof†.

### details

- Economical and recyclable; designed for single use
- Translucence allows easy viewing of liquid levels
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaiminate your reagents
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Narrow-Mouth Economy Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2087-0001 | 30 (1) | 20 | 14 | 34 | 61 | 72 | 72 |
| 2087-0002 | 60 (2) | 20 | 14 | 37 | 85 | 72 | 72 |
| 2087-0004 | 125 (4) | 24 | 18 | 50 | 101 | 72 | 72 |
| 2087-0008 | 250 (8) | 24 | 18 | 61 | 133 | 72 | 72 |
| 2087-0016 | 500 (16) | 28 | 21 | 73 | 170 | 48 | 48 |
| 2087-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 24 | 24 |

# Thermo Scientific Nalgene Large Narrow-Mouth Bottles

## polypropylene copolymer, polypropylene screw closure

**Nalgene™ Large Narrow-Mouth Bottles are excellent for storing corrosive chemicals and distilled water.**

These bottles are resistant to most acids, bases and alcohols and can be autoclaved repeatedly with or without contents.

### details

- 4 and 8 L feature a built-in shoulder loop on larger sizes for attaching identification tag
- Lighter weight than glass alternatives make for easy lifting
- Translucence allows easy viewing of liquid levels
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaiminate your reagents
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closures. 8 L includes a white PP closure with a TPE gasket.

*Notes: Completely disengage threads or remove closure before autoclaving. Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Large Narrow-Mouth Bottles**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2203-0005 | 2 (1/2) | 38-430 | 25 | 121 | 249 | 1 | 6 |
| 2203-0010 | 4 (1) | 38-430 | 25 | 152 | 333 | 1 | 6 |
| 2203-0020 | 8 (2) | 53B | 37 | 193 | 409 | 1 | 6 |

# Thermo Scientific Nalgene Large Narrow-Mouth Bottles

## polycarbonate, polypropylene screw closure

**Nalgene™ Large Narrow-Mouth Bottles are window-clear with excellent impact resistance.**

Good for freezer use. Guaranteed leakproof†.

### details

- Half-liter and liter sizes are good for smaller volume applications where contents need to be seen
- 2 L and 2.5 L sizes can be used as culture vessels for batch, suspension or nonattached roller culturing
- 4 L and 8 L sizes have built-in shoulder loops for attaching an identification tag
- Excellent impact resistance makes these bottles good for freezer use to -135°C (-211°F)
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Autoclavable/Transparent/Leakproof†

**Includes:** Polypropylene screw closures. 8 L size includes a white PP closure with a TPE gasket.

*Notes: Before autoclaving, completely disengage threads or remove cap. Autoclave empty. Repeated autoclaving will shorten the bottle life.*

**Nalgene Narrow-Mouth Bottles**

| Cat. No. | Capacity, L | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2205-0016 | .5 | 38-430 | 27 | 82 | 180 | 4 | 24 |
| 2205-0032 | 1 | 38-430 | 27 | 99 | 221 | 4 | 24 |
| DS2205-0210 | 2 | 38-430 | 25 | 121 | 249 | 1 | 1 |
| DS2205-0250 | 2.5 | 38-430 | 25 | 121 | 295 | 1 | 1 |
| DS2205-0010 | 4 | 38-430 | 25 | 152 | 333 | 1 | 1 |
| DS2205-0020 | 8 | 53B | 37 | 193 | 409 | 1 | 1 |

# Thermo Scientific Nalgene Wide-Mouth Rectangular Bottles

## high-density polyethylene, polypropylene screw closure

**Nalgene™ Wide-Mouth Rectangular Bottles feature a space-saving rectangular design that takes up less shelf space than traditional round bottles.**

### details

- Excellent chemical resistance to most acids, bases and alcohols make these excellent containers to protect your valuable samples
- Rectangular shape makes it easy to fit in freezer for storage up to -100°C (-148°F)
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- A sturdy, uniform wall construction with straight sides and a wide mouth that are resistant to splitting or punctures
- Leakproof†

**Includes:** Polypropylene screw closures.

**Nalgene Wide-Mouth Rectangular Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2007-0004 | 125 (4) | 28 | 21 | 61 x 38 | 102 | 12 | 72 |
| 2007-0008 | 250 (8) | 38 | 28 | 76 x 51 | 117 | 12 | 72 |
| 2007-0016 | 500 (16) | 48 | 37 | 94 x 60 | 147 | 12 | 48 |
| 2007-0032 | 1000 (32) | 53 | 44 | 125 x 71 | 180 | 6 | 24 |
| 2007-0064 | 2000 (64) | 63 | 51 | 152 x 84 | 242 | 4 | 12 |

# Thermo Scientific Nalgene Amber Wide-Mouth Rectangular Bottles

## high-density polyethylene, amber polypropylene screw closure

**Nalgene™ Amber Wide-Mouth Rectangular Bottles help protect light-sensitive liquids or dry materials from exposure and take up less shelf space than traditional round bottles.**

### details

- Amber HDPE reduces UV light transmissions to protect light-sensitive liquids
- Rectangular shape is great for space-saving use in the freezer to -100°C (-148°F)
- Excellent chemical resistance to most acids, bases and alcohols make these excellent containers to protect your valuable samples
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Leakproof†

**Includes:** Opaque amber polypropylene screw closures.

**Compliance:** Product meets the requirements for light-resistant containers per USP latest edition.

**Nalgene Amber Wide-Mouth Rectangular Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2009-0004 | 125 (4) | 28 | 21 | 61 x 38 | 102 | 12 | 72 |
| 2009-0008 | 250 (8) | 38 | 28 | 76 x 51 | 117 | 12 | 72 |
| 2009-0016 | 500 (16) | 48 | 37 | 94 x 60 | 147 | 12 | 48 |
| 2009-0032 | 1000 (32) | 53 | 44 | 125 x 71 | 180 | 6 | 24 |
| 2009-0064 | 2000 (64) | 63 | 51 | 152x84 | 242 | 4 | 12 |

# Thermo Scientific Nalgene Narrow-Mouth Square Bottles

## polycarbonate, polypropylene screw closure

**Nalgene™ Narrow-Mouth Square Bottles are durable and autoclavable, and feature an easy-to-handle square design.**

Ideal for storage of aqueous solutions and short-term storage of media.

### details

- This product can be autoclaved in your lab for repeated sterilization and decontamination – autoclave only when empty.
- Square sides allow for good use of space in the freezer to -135°C (-275°F)
- Excellent clarity make these bottles ideal for general purpose storage of aqueous solutions and short-term storage of media
- 2 L size has molded-in handgrips to aid in lifting and pouring contents
- Molded-in graduations for ease in dispensing
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Guaranteed leakproof†
- Autoclavable/Transparent/Graduated

**Includes:** Leakproof† polypropylene screw closures.

*Notes: Remove cap or completely disengage threads before autoclaving. Autoclave empty. Repeated autoclaving will shorten bottle life.*

**Nalgene Narrow-Mouth Square Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm² | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2015-0030 | 30 (1) | 20 | 14 | 38 | 64 | 12 | 96 |
| 2015-0060 | 60 (2) | 24 | 18 | 41 | 83 | 12 | 96 |
| 2015-0125 | 125 (4) | 38-430 | 28 | 53 | 109 | 6 | 48 |
| 2015-0250 | 250 (8) | 38-430 | 28 | 61 | 146 | 6 | 48 |
| 2015-0500 | 500 (16) | 38-430 | 28 | 74 | 178 | 4 | 24 |
| 2015-1000 | 1000 (32) | 38-430 | 28 | 92 | 218 | 4 | 24 |
| 2015-2000 | 2000 (64) | 53B | 39 | 116 | 271 | 1 | 6 |

# Thermo Scientific Nalgene Square Bottles

## polypropylene copolymer with polypropylene closures

**Nalgene™ Square Bottles are graduated, repeatedly autoclavable; resistant to alcohols and bases, and is translucent.**

Space-saving square bottles are have well-proportioned mouths for easy measuring and dispensing.

### details

- Square sides allow for good use of space and an easy grip
- Graduated for ease of dispensing
- Linerless caps provide the ultimate in leakproof† protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Translucent bottles provide visible liquid level
- Useful between 0° and 135°C (32° and 275°F)
- Autoclavable/Leakproof†

**Includes:** Leakproof† polypropylene screw closures.

*Notes: Remove cap or completely disengage threads before autoclaving.*

**Nalgene Narrow-Mouth Square Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D.[2], mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2016-0030 | 30 (1) | 20 | 14 | 38 | 64 | 12 | 72 |
| 2016-0060 | 60 (2) | 24 | 18 | 41 | 83 | 12 | 72 |
| 2016-0125 | 125 (4) | 38-430 | 28 | 53 | 109 | 12 | 72 |
| 2016-0250 | 250 (8) | 38-430 | 28 | 61 | 146 | 12 | 72 |
| 2016-0500 | 500 (16) | 38-430 | 28 | 74 | 178 | 12 | 48 |
| 2016-1000 | 1000 (32) | 38-430 | 28 | 92 | 218 | 6 | 24 |

# Thermo Scientific Nalgene Narrow-Mouth Square Bottles

## high-density polyethylene, polypropylene screw closure

**Nalgene™ Narrow-Mouth Square Bottles are the most chemically and break resistant of all Nalgene square bottles, yet are economically priced for a wide range of lab uses.**

### details

- Square sides allow for good use of space and an easy grip
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Graduated for ease of dispensing
- Can be used to -100°C (-148°F)
- Most chemical- and break-resistant of all Nalgene square bottles, yet economically priced for a wide range of lab uses
- Leakproof†/Graduated

**Includes:** Leakproof polypropylene screw closures.

*Notes: Nalgene LDPE, HDPE, PP and PMP containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Narrow-Mouth Square Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., $mm^2$ | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2018-0030 | 30 (1) | 20 | 14 | 38 | 64 | 12 | 72 |
| 2018-0060 | 60 (2) | 24 | 18 | 41 | 83 | 12 | 72 |
| 2018-0125 | 125 (4) | 38-430 | 28 | 53 | 109 | 12 | 72 |
| 2018-0250 | 250 (8) | 38-430 | 28 | 61 | 146 | 12 | 72 |
| 2018-0500 | 500 (16) | 38-430 | 28 | 74 | 178 | 12 | 48 |
| 2018-1000 | 1000 (32) | 38-430 | 28 | 92 | 218 | 6 | 24 |

# Thermo Scientific Nalgene Autoclavable Septum Closures

## polypropylene closure, thermoplastic elastomer septum

**Nalgene™ Autoclavable Septum Closures allow aseptic injection of reagent or sample withdrawal without compromising sterility or integrity of contents.**

Suitable for use with any bottle or container with 38-430 neck, including Nalgene culture vessels.

### details

- Use with 18-gauge or smaller needles for aseptic injection of reagent or sample withdrawal without compromising sterility or integrity of contents
- Fits Nalgene bottles with 38-430 threaded mouth
- Autoclavable

*Notes: For laboratory use only; not for in vitro diagnosis or parenterals.*

**Nalgene Autoclavable Septum Closure**

| Cat. No. | Description | Closure Size, mm | No. per Case |
|---|---|---|---|
| DS2168-0384 | Autoclavable Septum Closures | 38-430 | 12 |

# Thermo Scientific Nalgene Wide-Mouth Square Bottles

## polypropylene copolymer, polypropylene screw closures

**Nalgene™ Wide-Mouth Square Bottles feature a wide-mouth design for easy cleaning, sample filling and retrieval.**

Save valuable lab space with a square design. Repeatedly autoclavable.

### details

Resistant to acids, alcohols and bases

- Contact-clear bottle provides visible liquid level
- Square design allows good use of space and provides a large are for labeling
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Wide-Mouth Square Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm² | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2110-0002 | 60 (2) | 28 | 21 | 36 | 83 | 12 | 72 |
| 2110-0006 | 175 (6) | 38 | 28 | 51 | 102 | 12 | 72 |
| 2110-0008 | 250 (8) | 43 | 33 | 61 | 116 | 12 | 72 |
| 2110-0016 | 500 (16) | 53 | 43 | 74 | 146 | 12 | 48 |
| 2110-0032 | 1000 (32) | 63 | 53 | 95 | 181 | 6 | 24 |

# Thermo Scientific Nalgene Large Wide-Mouth Square Bottle

## polypropylene copolymer, polypropylene screw closures

**Nalgene™ Large Wide-Mouth Square Bottles are ideal for autoclaving and storing contaminated slides and other small lab equipment. Excellent for collecting, storing and transporting dry chemicals and environmental samples.**

Space-saving design features molded-in handgrips for greater convenience and safety when pouring.

### details

- Ideal for storing contaminated slides and other small lab equipment
- Space-saving bottle design features molded-in handgrips for greater convenience and safety when pouring
- Wide mouth makes it excellent for collecting, storing and transporting dry chemicals and environmental samples
- Autoclavable

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving. This bottle is not liquid leakproof.*

**Nalgene Large Wide-Mouth Square Bottle**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm² | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2122-0010 | 4 (1) | 100 | 89 | 142 | 282 | 1 | 6 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers** or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

## Thermo Scientific Nalgene Wide-Mouth Square Bottles

### high-density polyethylene, polypropylene screw closures

**Nalgene™ Wide-Mouth Square Bottles feature durable, uniform walls resistant to splitting or puncturing.**

Easy-to-grip bottles save valuable storage space.

#### details

- Wide mouth is easy to fill
- Space-saving bottle design saves space in freezer – store samples to -100°C (-148°F)
- HDPE exhibits excellent chemical resistance to most acids, bases and alcohols making these bottles suitable for a wide variety of uses
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Leakproof†

**Includes:** Polypropylene screw closure.

**Nalgene Wide-Mouth Square Bottle**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D. | O.D., mm² | Height With Closure | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2114-0002 | 60 (2) | 28 | 21 | 36 | 83 | 12 | 72 |
| 2114-0006 | 175 (6) | 38 | 28 | 51 | 106 | 12 | 72 |
| 2114-0008 | 250 (8) | 43 | 33 | 61 | 116 | 12 | 72 |
| 2114-0016 | 500 (16) | 53 | 43 | 74 | 146 | 12 | 48 |
| 2114-0032 | 1000 (32) | 63 | 53 | 95 | 181 | 6 | 24 |

## Thermo Scientific Nalgene Large Wide-Mouth Square Bottle

### high-density polyethylene, white polypropylene screw closures

**Nalgene™ Large Wide-Mouth Square Bottles feature molded-in handgrips that provide greater convenience and safety when pouring.**

Excellent for collecting, storing and transporting dry chemicals and environmental samples.

#### details

- Wide mouth allows easy access to contents
- Space-saving bottle features convenient, molded-in handgrips for greater convenience and safety when pouring
- Excellent chemical resistance to most acids, bases and alcohols making these bottles suitable for storing and transporting dry chemicals, environmental samples, reagents and distilled water
- Space-saving bottle design saves space in freezer – store samples to -100°C (-148°F)

*Notes: This bottle is not liquid leakproof.*

**Nalgene Large Wide-Mouth Square Bottle**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm² | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2123-0010 | 4 (1) | 100 | 89 | 142 | 292 | 1 | 6 |

## Thermo Scientific Nalgene Dilution Bottles

### polypropylene copolymer, polypropylene screw closure

**Nalgene™ PPCO Dilution Bottles offer excellent chemical resistance to strong acids, alcohols and bases. Bottles are contact-clear so that liquid levels are easy to read.**

### details

- Excellent chemical resistance to strong acids, alcohols and bases – ideal for use with a wide variety of solutions
- Useful for a wide range of temperatures -40°C (-40°F) to +121°C (250°F)
- Translucent, so you can read graduations at both 90 mL (for 0.1 dilutions) and 99 mL (for 0.01 dilutions) accurate to ±0.4 mL
- Withstands repeated washing and autoclaving with Tween
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closure.

*Notes: Completely disrengage threads or remove cap before autoclaving.*

Nalgene Dilution Bottles

| Cat. No. | Capacity to Brim, mL | Capacity to Neck, mL | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2500-0280 | 210 | 200 | 28 | 12 | 48 |
| 2500-0380 | 220 | 205 | 38 | 12 | 48 |

## Thermo Scientific Nalgene Dilution Bottles

### Polysulfone, polypropylene screw closure

**Nalgene™ Polysulfone Dilution Bottles are our clearest and most accurate dilution bottles.**

### details

- Excellent chemical resistance to bases and weak acids – ideal for use with food products
- Useful for a wide range of temperatures -100°C (148°F) to +165°C (329°F)
- Transparent, so its easy to read graduations at both 90 mL (for 0.1 dilutions) and 99 mL (for 0.01 dilutions) accurate to ±0.1 mL
- Autoclaving when used with Tween will reduce the life of this dilution bottle
- Autoclavable/Transparent/Leakproof†

**Includes:** Polypropylene screw closure.

*Notes: Completely disrengage threads or remove cap before autoclaving.*

Nalgene Dilution Bottles

| Cat. No. | Capacity to Brim, mL | Capacity to Neck, mL | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2505-0280 | 210 | 200 | 28 | 12 | 48 |
| 2505-0380 | 220 | 205 | 38 | 12 | 48 |

## Thermo Scientific Nalgene Narrow-Mouth Passport IP2 Bottles

### high-density polyethylene, polypropylene screw closure

Excellent for small-scale inter-lab shipping of hazardous samples and chemicals such as corrosives and cleaning compounds.

### details

- Recommended for customers designing, certifying or assembling their own combination packaging
- Heavy-duty walls resist splitting and puncturing
- Markings molded into bottom of bottles: IP2 marking, material, volume, registration notch
- Evaluated at 15 psi (103 kPa) per 49 CFR 173.27 (c)(2), ICAO Technical Instructions Part 4; 1.1.6, and IATA Dangerous Goods Regulations Section 5.0.2.9
- Leakproof†

**Includes:** Polypropylene screw closures.

**Compliance:** Meets IATA Dangerous goods Regulations Section 5.0.2.9.

**Nalgene™ Narrow-Mouth Passport IP2 Bottles**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 2099-0001 | 30 | 12 | 72 |
| 2099-0002 | 60 | 12 | 72 |
| 2099-0004 | 125 | 12 | 72 |
| 2099-0008 | 250 | 12 | 72 |

## Thermo Scientific Nalgene Wide-Mouth Passport IP2 Bottles

### high-density polyethylene, polypropylene screw closure

Safe, durable cost-effective line of wide-mouth bottles for packaging and transporting hazardous samples and chemicals such as corrosives and cleaning compounds

### details

- Wide-mouth for easy filling with fluids or powders
- Recommended for customers designing, certifying or assembling their own combination packaging
- Heavy-duty walls resist splitting and puncturing
- Markings molded into bottom of bottles: IP2 marking, material, volume, registration notch
- Evaluated at 15 psi (103 kPa) per 49 CFR 173.27 (c)(2), ICAO Technical Instructions Part 4; 1.1.6, and IATA Dangerous Goods Regulations Section 5.0.2.9
- Leakproof†

**Includes:** Polypropylene screw closures.

**Compliance:** Meets IATA Dangerous goods Regulations Section 5.0.2.9.

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 2199-0004 | 125 | 12 | 72 |
| 2199-0008 | 250 | 12 | 72 |
| 2199-0016 | 500 | 12 | 48 |
| 2199-0032 | 1000 | 6 | 24 |

# Thermo Scientific Nalgene Low Particulate/Low Metals Bottles

## low-density polyethylene, polypropylene closure

**Nalgene™ Low Particulate/Low Metals Bottles feature a narrow mouth and certification to contain less than 20 particles per mL at 0.3 microns and greater.**

Metals certified to micrograms per liter (ppb) levels. Each bottle is double bagged under Class 10 laminar flow hoods inside a Class 100 clean room. Excellent for ICP-MS reagent and standard storage. Product includes a certificate of quality that assures the product has been tested and accepted in accordance with specifications.

### details

- Certified to particulate and trace metals levels
- Linerless caps provide the ultimate in leakproof protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Exhibits flexibility, impact resistance and excellent visibility of contents for a wide variety of uses in the lab
- Excellent chemical resistance to most acids, bases and alcohols make this a versatile bottle
- Metals certified to microliter (ppb) levels <0.20Hg, <0.5 Be, <1.0 As, Cd, Pb, <2.0 Sb, Se, <5.0 Ag, Co, Cr, Cu, Mn, Tl, V, <10 Ba, Ni, Zn, <50 Mg, <75 Al, <100 Ca, Fe, K, Na.
- Translucent/Leakproof†

**Includes:** Polypropylene screw closure.

**Nalgene Low Particulate/Low Metals Bottles**

| Cat. No. | Capacity, mL (oz) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 382003-0004 | 125 (4) | 24 | 18 | 50 | 101 | 1 | 72 |
| 382003-0008 | 250 (8) | 24 | 18 | 61 | 133 | 1 | 72 |
| 382003-0016 | 500 (16) | 28 | 21 | 73 | 170 | 1 | 48 |
| 382003-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 1 | 24 |

# Thermo Scientific Nalgene Low Particulate/Low Metals Bottles

## Teflon® FEP, Tefzel™ ETFE closure

**Nalgene™ Low Particulate/Low Metals Teflon® FEP Bottles feature a narrow mouth and certification to contain less than 20 particles per mL at 0.3 µm and greater**

Metals certified to micrograms per liter (ppb) levels. Each bottle is double bagged under Class 10 laminar flow hoods inside a Class 100 clean room. Excellent for storing high purity chemicals. Product includes a certificate of quality that assures the product has been tested and accepted in accordance with specifications.

### details

- Certified to particulate and trace metals levels
- Linerless caps provide the ultimate in leakproof† protection without the use of liner that can wrinkle, cause leaks, or contaminate your reagents
- Exhibits flexibility, impact resistance and excellent visibility of contents for a wide variety of uses in the lab
- Excellent chemical resistance almost any lab chemical
- Non-sterile
- Metals certified to microliter (ppb) levels <0.20Hg, <0.5 Be, <1.0 As, Cd, Pb, <2.0 Sb, Se, <5.0 Ag, Co, Cr, Cu, Mn, Tl, V, <10 Ba, Ni, Zn, <50 Mg, <75 Al, <100 Ca, Fe, K, Na.
- Autoclavable/Translucent/Leakproof†

**Includes:** ETFE screw closure.

*Notes: Completely disrengage threads or remove cap before autoclaving.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Low Particulate/Low Metals Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 381600-0004 | 125 (4) | 24 | 17 | 46 | 115 | 1 | 6 |
| 381600-0008 | 250 (8) | 24 | 17 | 60 | 134 | 1 | 4 |
| 381600-0016 | 500 (16) | 28 | 20 | 73 | 166 | 1 | 4 |
| 381600-0032 | 1000 (32) | 38 | 26 | 90 | 203 | 1 | 4 |

# Thermo Scientific Nalgene Narrow-Mouth Bottles

## Teflon® FEP, Tefzel™ ETFE closure

**Nalgene™ FEP Narrow-Mouth Bottles are the most inert, chemical-resistant, corrosion-resistant containers available.**

Outstanding resistance to virtually all chemicals and extreme temperatures. Ideal for trace metal analysis and applications involving organic solvents. Can be rigorously cleaned in boiling nitric acid. Guaranteed leakproof†.

### details

- Most inert, chemical-resistant, corrosion-resistant containers available – ideal for trace metal analysis and applications involving organic solvents
- Can withstand rigorous cleaning in boiling nitric acid – temperature range from -105°C (-157°F) to +150°C (+302°F) for a wide range of uses including high-purity storage. Can be autoclaved for sterilization
- Autoclavable/Leakproof†/Transparent/Teflon® FEP

**Includes:** ETFE screw closure.

*Notes: These bottles cannot withstand gamma irraditation. Completely disengage threads or remove cap before autoclaving.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 1600-0001 | 30 (1) | 20 | 14 | 32 | 75 | 1 | 8 |
| 1600-0002 | 60 (2) | 20 | 14 | 39 | 84 | 1 | 8 |
| 1600-0004 | 125 (4) | 24 | 17 | 46 | 115 | 1 | 6 |
| 1600-0008 | 250 (8) | 24 | 17 | 60 | 134 | 1 | 4 |
| 1600-0016 | 500 (16) | 28 | 20 | 73 | 166 | 1 | 4 |
| 1600-0032 | 1000 (32) | 38 | 26 | 90 | 203 | 1 | 4 |
| 1600-0064 | 2000 (64) | 38-430 | 24 | 121 | 245 | 1 | 2 |

# Thermo Scientific Nalgene Narrow-Mouth Bottles

## Teflon® PFA, Teflon® PFA screw closure screw closure

**Nalgene™ Narrow-Mouth Bottles, Teflon® PFA; Teflon® PFA screw closure Thermo Scientific Nalgene PFA Narrow-Mouth Bottles are the most temperature resistance, inert, chemical-resistant, corrosion-resistant containers available.**

Outstanding resistance to virtually all chemicals and extreme temperatures. Ideal for trace metal analysis and applications involving organic solvents. Can be rigorously cleaned in boiling nitric acid. Guaranteed leakproof†.

### details

- Withstand -270° to +250°C (-454° to +482°F)
- Inert to virtually all chemicals except molten alkali metals, fluorine at high temperatures, and complex halogenated compounds at high temperatures and pressures
- Packaged individually
- Autoclavable
- Leakproof† PFA closure

**Includes:** Leakproof†, linerless PFA screw closures.

*Notes: These bottles cannot withstand gamma irradiation. Completely disengage threads or remove cap before autoclaving.*

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**Nalgene Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D, mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| DS1630-0001 | 30 (1) | 20 | 14 | 32 | 75 | 1 | 8 |
| DS1630-0002 | 60 (2) | 20 | 14 | 39 | 84 | 1 | 8 |
| 1630-0004 | 125 (4) | 38-430 | 24 | 46 | 127 | 1 | 6 |
| 1630-0008 | 250 (8) | 38-430 | 24 | 59 | 146 | 1 | 4 |
| 1630-0016 | 500 (16) | 38-430 | 24 | 72 | 181 | 1 | 4 |
| 1630-0032 | 1000 (32) | 38-430 | 24 | 90 | 216 | 1 | 4 |

# Thermo Scientific Nalgene Wide-Mouth Bottles

## Teflon® FEP, Tefzel™ ETFE closure

**Nalgene™ FEP Bottles with ETFE closures provide excellent temperature and chemical resistance.**

Outstanding resistance to virtually all chemicals and extreme temperatures. Ideal for trace metal analysis and applications involving organic solvents. Can be rigorously cleaned in boiling nitric acid. Guaranteed leakproof†.

### details

- Most inert, chemical-resistant, corrosion-resistant containers available – ideal for trace metal analysis and applications involving organic solvents
- Can withstand rigorous cleaning in boiling nitric acid – temperature range from -105°C (-157°F) to +150°C (+302°F) for a wide range of uses including high-purity storage. Can be autoclaved for sterilization
- Wide-mouth for easy filing
- Autoclavable/Leakproof†/Transparent/Teflon® FEP

**Includes:** ETFE screw closure.

*Notes: These bottles cannot withstand gamma irraditation. Completely disengage threads or remove cap before autoclaving.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Wide-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2100-0004 | 125 (4) | 33 | 25 | 46 | 117 | 1 | 6 |
| 2100-0008 | 250 (8) | 43 | 33 | 59 | 128 | 1 | 4 |
| 2100-0016 | 500 (16) | 48 | 38 | 71 | 165 | 1 | 4 |
| 2100-0032 | 1000 (32) | 53 | 43 | 91 | 209 | 1 | 4 |

# Thermo Scientific Nalgene Wide-Mouth EP Tox/TCLP Bottle

## Teflon® FEP, Teflon® PFA lined white polypropylene closure

**Nalgene™ Wide-Mouth EP Tox Bottles are ideal to use at high and low temperatures for trace metal analysis and applications with organic solvents.**

Offers laboratory a safer alternative to glass.

### details

- 2.2 L temperature-resistant PTFE resin FEP bottle has wide mouth for testing large-sized samples
- PTFE resin-lined polypropylene caps included
- Specially designed for U.S. EPA Method 1311: Toxicity Characteristic Leaching Program (TCLP)
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closure with PFA lining.

*Notes: This bottle cannot withstand gamma irradiation. Completely disengage threads before autoclaving.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Wide-Mouth EP Tox/TCLP Bottle**

| Cat. No. | Capacity, L | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2101-2200 | 2.2 | 100 | 89 | 119 | 241 | 1 | 2 |

# Thermo Scientific Nalgene Fluorinated Narrow-Mouth Bottles

## fluorinated high-density polyethylene; fluorinated polypropylene screw closure

**Nalgene™ Narrow-Mouth Fluorinated bottles are fluorinated inside and out for improved barrier properties and reduced solvent absorption and permeation.**

Fluorination enhances long-term container performance, prevents permeation loss and yields lower extractables. Provides a cost-effective alternative to costly fluoropolymer containers. Guaranteed leakproof†.

### details

- Fluorinated to enhance long-term performance and prevent solvent permeation loss
- Constructed with heavy-duty walls that are safe, durable and resistant to splitting and punctures
- Leakproof†

**Includes:** fluorinated polypropylene screw closures.

**Nalgene Fluorinated Narrow-Mouth Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2097-0008 | 250 (8) | 24 | 18 | 61 | 133 | 12 | 72 |
| 2097-0016 | 500 (16) | 28 | 21 | 73 | 170 | 12 | 48 |
| 2097-0032 | 1000 (32) | 38-430 | 27 | 91 | 216 | 6 | 24 |
| 2097-0005 | 2000 (67) | 38-430 | 27 | 120 | 250 | 1 | 6 |
| 2097-0010 | 4000 (135) | 38-430 | 26 | 153 | 334 | 1 | 6 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers**
or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

## Thermo Scientific Nalgene Fluorinated Wide-Mouth Bottles

### fluorinated high-density polyethylene, fluorinated polypropylene screw closure

**Nalgene™ Fluorinated Wide-Mouth bottles are fluorinated inside and out for improved barrier properties and reduced solvent absorption and permeation.**

Fluorination enhances long-term container performance, prevents permeation loss and yields lower extractables. Provides a cost-effective alternative to costly fluoropolymer containers. Wide-mouth allows easy access. Guaranteed leakproof†.

#### details

- Fluorinated to enhance long-term performance and prevent solvent permeation loss
- Constructed with heavy-duty walls that are safe, durable and resistant to splitting and punctures
- Leakproof†

**Includes:** fluorinated polypropylene screw closures.

Nalgene Fluorinated Wide-Mouth Bottles

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2197-0004 | 125 (4) | 38 | 28 | 50 | 99 | 12 | 72 |
| 2197-0008 | 250 (8) | 43 | 33 | 61 | 131 | 12 | 72 |
| 2197-0016 | 500 (16) | 53 | 44 | 73 | 168 | 12 | 48 |
| 2197-0032 | 1000 (32) | 63 | 53 | 91 | 199 | 6 | 24 |

## Thermo Scientific Nalgene Fluorinated Large Wide-Mouth Bottle

### fluorinated high-density polyethylene, fluorinated polypropylene screw closure

**Nalgene™ bottle with Fluorinated Surface enhances long-term performance and prevents permeation loss.**

Fluorinating these HDPE bottles provides a cost-effective alternative to costly fluoropolymer containers.

Enhances long-term performance and prevents permeation loss.

#### details

- Fluorinated to enhance long-term performance and prevent solvent permeation loss
- Wide mouth allows access
- Yields lower extractables than other bottles

**Includes:** fluorinated polypropylene screw closures.

*Notes: This bottle is not liquid leakproof.*

Nalgene Fluorinated Large Wide-Mouth Bottle

| Cat. No. | Capacity, L | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2124-0005 | 2.2 | 100 | 89 | 119 | 244 | 1 | 6 |

## Thermo Scientific Nalgene Pour Spout

### polypropylene, polyethylene insert

**Nalgene™ pour spout is made to fit all Nalgene bottles with 38-430 neck finish. Vented to allow smooth flow for easy liquid dispensing.**

### details

- Used for all Nalgene bottles with 38-430 neck finish
- Allows easy one-handed liquid dispensing without leaving bottles completely open to the environment

**Nalgene Pour Spout**

| Cat. No. | Description | Closure Size, mm | No. per Case |
|---|---|---|---|
| DS2176-0384 | Pour Spout | 38-430 | 6 |

## Thermo Scientific Nalgene Autoclavable Septum Closures

### polypropylene closure, thermoplastic elastomer septum

**Nalgene™ Autoclavable Septum Closures allow aseptic injection of reagent or sample withdrawal without compromising sterility or integrity of contents.**

Suitable for use with any bottle or container with 38-430 neck, including Nalgene culture vessels.

### details

- Use with 18-gauge or smaller needles for aseptic injection of reagent or sample withdrawal without compromising sterility or integrity of contents
- Fits Nalgene bottles with 38-430 threaded mouth
- Autoclavable

*Note: For laboratory use only; not for in vitro diagnosis or parenterals.*

**Nalgene Autoclavable Septum Closure**

| Cat. No. | Description | Closure Size, mm | No. per Case |
|---|---|---|---|
| DS2168-0384 | Autoclavable Septum Closures | 38-430 | 12 |

**Thermo Scientific Products –**
*meeting the challenges of science and industry*

# Nalgene™ Bottles and Carboy Selection Guide

Thermo Scientific Nalgene bottles and carboys set the standard for quality and superior performance, protecting your valuable liquids. So exceptional, they come with a leakproof guarantee. So trusted, millions are used in laboratories around the world.

**See how easy it is to choose the best bottles, carboys and vials for your applications.**

**Visit the Nalgene Bottle and Carboy Selection Guide** by using the QR code below or online at **www.thermoscientific.com/nalgenecontainers** – or get the app at the iTunes store or Android Market.

# Thermo Scientific Nalgene Narrow-Mouth and Wide-Mouth Bottle Replacement Closures

## details

- Made to fit Nalgene Narrow-Mouth and Wide-Mouth Bottles

**Nalgene Bottle Replacement Closures**

| Cat. No. | Closure Size, mm | Description | No. per Pack | No. per Case |
|---|---|---|---|---|
| 712150-0240 | 24 | PP | 12 | 12 |
| 712150-0280 | 28 | PP | 12 | 12 |
| 712150-0430 | 43 | PP | 12 | 12 |
| 712150-0530 | 53 | PP | 12 | 12 |
| 712150-0630 | 63 | PP | 12 | 12 |
| 712150-1000 | 100 | White PP | 12 | 12 |
| 712151-0200 | 20 | HDPE | 12 | 12 |
| 712151-0380 | 38 | HDPE | 12 | 12 |
| 712160-0384 | 38-430 | PP | 12 | 12 |
| 712171-0530 | 53 | Amber PP | 12 | 12 |
| 712172-0020 | 20 | PFA | 2 | 12 |
| 712174-0530 | 53 | ETFE | 2 | 12 |

## Thermo Scientific Nalgene Graduated Bucket

### high-density polyethylene

**Nalgene™ Buckets feature a wide-lipped pour spout and polyethylene-coated handle.**

Chemically compatible with a wide range of lab reagents. Heavy duty construction for years of rugged use. Ideal for transfer of laboratory solutions and powders.

### details

- High-density polyethylene construction offers more durability than hard rubber
- Polyethylene-coated wire bail handle provides a comfortable and sturdy grip
- Molded-in graduations in pints and liters are easy-to-read
- Graduated

**Nalgene Graduated Bucket**

| Cat. No. | Capacity, L (gal.) | No. per Pack | No. per Case |
|---|---|---|---|
| 7002-0025 | 9.5 (2-1/2) | 1 | 6 |

## Thermo Scientific Nalgene Autoclavable Graduated Buckets

### white polypropylene

**Nalgene™ graduated, autoclavable buckets are ideal for use in food industries and can be used for many chemicals and corrosive liquids.**

These general purpose laboratory buckets are fully autoclavable and provide excellent chemical resistance. Sturdy construction and convenient tall size make these buckets a lab necessity.

### details

- White polypropylene pails offer sturdy construction for long-lasting use in the lab
- Nylon-coated wire bail handle provides a comfortable and sturdy grip
- Molded-in graduated in pints and liters are easy-to-read
- Autoclavable/Graduated

**Nalgene Autoclavable Graduated Buckets**

| Cat. No. | Capacity, L (qt.) | No. per Pack | No. per Case |
|---|---|---|---|
| 7012-0080 | 7.6 (8) | 1 | 6 |
| 7012-0110 | 10.4 (11) | 1 | 6 |
| 7012-0140 | 13.2 (14) | 1 | 6 |

## Thermo Scientific Nalgene Buckets with Lids

### low-density polyethylene, nylon coated wire bail

**Nalgene™ Buckets with air-tight lids meet OSHA standards for storage of bloodborne pathogens.**

These air-tight buckets are ideal for storing specimens in formalin and other preservatives. Excellent for no-splash transport around the lab. Chemically-resistant to a wide range of lab solutions.

### details

- White air-tight polyethylene cover is close-fitting, making these pails ideal for storing specimens in formalin and other preservatives
- Nylon-coated wire bail handle provides a comfortable and sturdy grip
- Molded-in graduated in pints and liters are easy-to-read
- Graduated

**Compliance:** Meets OSHA 29CFR 1910.1030 standard for use as protection against bloodborne pathogens.

**Nalgene Buckets with Lids**

| Cat. No. | Capacity, L (qt.) | Height with Closure, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 7102-0080 | 7.6 (8) | 26.7 (10-1/2) | 1 | 12 |
| 7102-0140 | 13.2 (14) | 32.8 (12-9/10) | 1 | 6 |

## Thermo Scientific Nalgene Large Cylindrical Containers with Covers

### high-density polyethylene

**Nalgene™ Large Cylindrical HDPE Containers are ideal for storing and transporting dry and solid materials, specimens and general lab supplies.**

Containers are stackable and have positive-lock lids that seal tight for storing both dry and solid materials.

### details

- High-density polyethylene containers provide excellent chemical and temperature resistance protecting contents from contamination
- Easy-grip molded-in handles are comfortable and durable for lifting and moving
- Positive-lock lid provides a tight seal for transport or storage

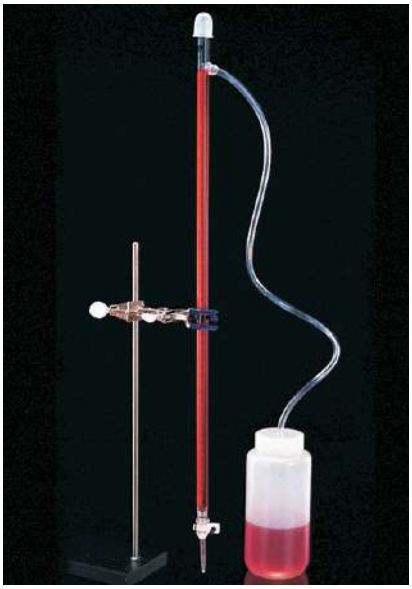
**Certifications:** National Sanitation Foundation (NSF) approved for food and beverage storage.

**Nalgene Large Cylindrical Containers with Covers**

| Cat. No. | Capacity, L (gal.) | O.D. x H, cm (in) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 7142-0015 | 15 (4) | 30.5 x 24 (12 x 9.5) | 1 | 6 |
| 7142-0020 | 20 (5.3) | 30.5 x 38 (12 x 15) | 1 | 6 |
| 7142-0030 | 30 (8) | 39 x 30.5 (15.5 x 12) | 1 | 6 |

# Thermo Scientific Nalgene Break-Resistant Self-Zeroing Automatic Burets

## acrylic body, PMP stopcock and tip, Teflon® TFE plug, polyvinyl chloride tubing, low-density polyethylene bottle



**Nalgene™ Break-Resistant Self-Zeroing Burets offer repeatable, accurate results.**

Crystal clear, durable, easy to use, safer than glass.

### details

- Individually calibrated to meet accuracy of ASTM* E287 for repeatable, accurate results
- Can be used with dilute mineral acids and bases except hydrofluoric acid and ammonium hydroxide
- pH range of 1-14 is ideal; compatible with up to 5% wt/wt acids and up to 30% bases accomodating a wide range of tirants
- Comes complete with everything you need to get started: acrylic buret, LDPE squeeze bottle assembly, 3 ft. (91 cm) PVC tubing, and buret cover
- Transparent/Graduated

**Compliance:** ASTM E 287

*Disclaimer: Not for use with alcohols and organic solvents. Exposure to these solutions will cause immediate damage.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Break-Resistant Self-Zeroing Automatic Burets**

| Cat. No. | Capacity, mL | Reservoir, mL | Graduations, mL | Tolerance, mL | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 3640-0010 | 10 | 500 | 0.1 | ±0.04 | 1 | 4 |
| 3640-0025 | 25 | 500 | 0.1 | ±0.06 | 1 | 4 |
| 3640-0050 | 50 | 1000 | 0.1 | ±0.10 | 1 | 4 |

# Thermo Scientific Nalgene Self-Zeroing Buret Filler Kit

## low-density polyethylene bottle, PVC tubing, polypropylene fill tube and adapter

**The Nalgene™ Self-Zeroing Buret Filler Kit converts any conventional glass or plastic 25 or 50 mL buret into an automatic-filling, self-zeroing buret to save time and convenience.**

Avoid messy spills from manual filling or funneling reagents into the top of the buret. The squeeze bottle is the reservoir for your titrant which is delivered into the mouth of buret through the provided clear PVC tubing.

### details

- Reverse adapter plug to switch from 25 to 50 mL buret or to store or transport titrating reagents
- Squeeze bottle closure without dispensing port also included for storing titrant in the bottle or field transport
- Converts any bottle into an automatic-filling, self-zeroning buret

**Directions for Use:** Connect the PP fill tube to the end of the transfer tubing and insert tubing into the mouth of the buret using the adapter provided. Adjust the fill tube tip so it is just above the zero mark of your buret. Squeeze the bottle to fill the buret above the zero mark. when you release the squeeze on the bottle, the excess titrant will be drawn back into the reservoir bottle, leaving the titrant level in the buret at the zero line.

**Includes:** 1000 mL low-density polyethylene squeeze bottle, 4 ft. length (1.2 m) of clear, flexible PVC tubing, fill tube, adapter, and closure for reagent bottle.

*Disclaimer: Buret not included.*

**Nalgene Self-Zeroing Buret Filler Kit**

| Cat. No. | Description | No. per Pack | No. per Case |
|---|---|---|---|
| 3645-2550 | Self-zeroing Buret Filler Kit | 1 | 4 |

# Thermo Scientific Nalgene Burets

## acrylic body, polymethylpentene tip; Teflon® TFE (tetrafluoroethylene) stopcock and plug

**Nalgene™ break-resistant burets offer repeatable, accurrate results.**

Crystal clear, durable, easy to use, safer than glass. For use with acids and bases (use as directed).

### details

- Buret is durable and unaffected by diluted acids and bases (except hydrofluoric acid and ammonium hydroxide) used as titrants
- pH range of 1-14 is ideal; compatible with up to 5% wt/wt acids and up to 30% bases accomodating a wide range of tirants
- Transparent/Graduated

**Compliance:** ASTM E 287, Class B

*Notes: Not for use with alcohols and organic solvents. Exposure to these solutions will cause immediate damage.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Burets**

| Cat. No. | Capacity, mL | Graduations, mL | Tolerance, mL | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3650-0025 | 25 | 0.10 | ±0.06 | 1 | 4 |
| 3650-0050 | 50 | 0.10 | ±0.10 | 1 | 4 |
| 3650-0100 | 100 | 0.20 | ±0.20 | 1 | 4 |
| 713650-1025 | Replacement Stopcock Assembly for 25 mL | | | 2 | 2 |

# Thermo Scientific Nalgene Autoclavable Carboys with Spigot

## polypropylene, white polypropylene screw closure with thermoplastic elastomer gasket, polypropylene spigot

**Nalgene™ Autoclavable Carboys have a spigot boss which is molded in one piece with the carboy for convenience and strength – great for storing and dispensing solutions and media.**

Can be autoclaved before refilling to eliminate bacterial growth when storing sterile water.

### details

- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Integral shoulder handles make lifting comfortable
- Ideal for storing and dispensing solutions and media and can be autoclaved before refilling to eliminate bacterial growth
- Molded-in spigot boss provides strength and leak resistance
- Autoclavable/Graduated/Leakproof†

**Ordering Information:** Neck accepts No. 13.5 rubber stopper. Includes spigot closure. Follow product insert instructions for autoclaving to ensure proper function.

**Includes:** Polypropylene screw closure, spigot, spigot closure and tubing adapter.

*Notes: Containers can be used for long-term storage, but direct UV exposure should be avoided. Remove and disassemble spigot before autoclaving. May be assembled with spigot closure for autoclaving. Completely disengage closure threads before autoclaving avoided.*

**Nalgene Autoclavable Carboys with Spigot**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2319-0020 | 10 (2-1/2) | 83B | 64 | 250 | 389 | 1 | 6 |
| 2319-0050 | 20 (5-1/2) | 83B | 64 | 286 | 528 | 1 | 4 |
| 2319-0130 | 50 (13) | 83B | 64 | 379 | 678 | 1 | 1 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers** or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

# Thermo Scientific Nalgene Round Carboys with Spigots

## low-density polyethylene; polypropylene spigot and screw closure

**Nalgene™ Round Carboys have a spigot boss which is molded in one piece with the carboy for convenience, strength and leak resistance.**

Suitable for collecting and dispensing distilled water, acids and reagents.

### details

- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Integral shoulder handles make lifting comfortable for four largest sizes
- Molded-in spigot boss provides strength and leak resistance
- Graduated/Leakproof†

**Ordering Information:** Shoulder loop on 1 gal. (3.8 L) size, shoulder handles on all other sizes. 1 gal. size is not graduated.

**Includes:** Polypropylene screw closure, spigot, spigot closure and tubing adapter.

**Nalgene Round Carboys with Spigots**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2318-0010 | 4 (1) | 38-430 | 26 | 154 | 335 | 1 | 6 |
| 2318-0020 | 10 (2-1/2) | 83B | 64 | 250 | 389 | 1 | 6 |
| 2318-0050 | 20 (5-1/2) | 83B | 64 | 286 | 528 | 1 | 4 |
| 2318-0065 | 25 (6-1/2) | 83B | 64 | 287 | 594 | 1 | 1 |
| 2318-0130 | 50 (13) | 83B | 64 | 379 | 678 | 1 | 1 |

# Thermo Scientific Nalgene Clearboys

## polycarbonate, polypropylene closure with thermoplastic elastomer gasket, polypropylene spigot

**Nalgene™ Clearboys are durable, lighter and safer than glass.**

Useful for large-volume media and culture preparation, especially where visual inspection of contents for quality is important. Autoclavable for sterile applications and ideal for refrigerated or frozen storage of aqueous solutions such as sterile water, aqueous reagents and media.

### details

- With white polypropylene screw closure; TPE gasket
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Polycarbonate is glass-clear for easy visual inspection and volume measurements
- Clearboys are suitable for mixing, storing and freezing aqueous-based reagents and biologicals
- Designed with 83 mm neck to accept TopWorks and other Nalgene accessories for versatility
- Graduated "To Contain"
- Autoclavable/Transparent/Graduated/Leakproof†

**Includes:** Polypropylene closure and TPE gasket, spigot, spigot closure and tubing adapter.

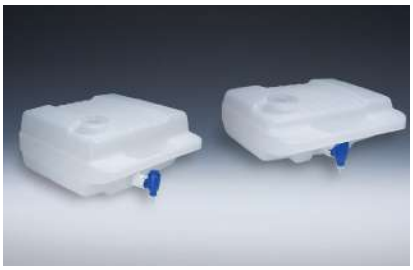
*Notes: Remove and disassemble spigot before autoclaving. May be assembled with spigot closure for autoclaving. Completely disengage closure threads before autoclaving. Repeated autoclaving will shorten the life of polycarbonte carboys.*

**Nalgene Round Transparent Clearboys**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2317-0020 | 10 (2-1/2) | 83B | 66 | 253 | 394 | 1 | 4 |
| 2317-0050 | 20 (5-1/2) | 83B | 66 | 290 | 536 | 1 | 4 |

## Thermo Scientific Nalgene Low-Profile Lowboys

### high-density polyethylene



**Nalgene™ Low-Profile Lowboys™ are perfect for dispensing most liquids, including reagents, distilled water and titrants.**

The low-profile design fits into tight spaces on shelves and in refrigerators and can stack three high. Exhibits excellent chemical resistance.

### details

- Stack up to three high to save space on benchtop or in refrigerator
- Contour handle allows easy one-handed carrying – even when full
- Excellent chemical resistance – can tolerate strong acids and bases for a wide variety of solutions
- Leakproof†

**Includes:** Spigot and spigot closure and four acid-proof, pressure-sensitive labels. Also includes a spigot tubing adapter.

**Alerts:** Not recommended for use with aggressive organic solvents

**Nalgene Low-Profile Lowboys**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | L x W, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2323-0008 | 8 (2) | 63 | 305 x 366 | 1 | 4 |
| 2323-0015 | 15 (4) | 63 | 371 x 371 | 1 | 4 |

## Thermo Scientific Nalgene Autoclavable Lowboys with Spigot

### polypropylene copolymer; polypropylene spigot and screw closure

**Nalgene™ Low-Profile Lowboys are perfect for dispensing most liquids, including reagents, distilled water and titrants.**

The low-profile design fits into tight spaces on shelves and in refrigerators and can stack three high. Exhibits excellent chemical resistance.

### details

- Stack up to three high to save space on benchtop or in refrigerator
- Contour handle allows easy one-handed carrying – even when full
- Excellent chemical resistance – can tolerate strong acids and bases for a wide variety of solutions
- Follow autoclave instructions provided with the product to ensure proper function.
- Autoclavable/Leakproof†

**Includes:** Polypropylene spigot, spigot closure and 63 mm screw closure.

*Notes: Remove and disassemble spigot before autoclaving. May be assembled with spigot closure for autoclaving. Completely disengage closure threads before autoclaving.*

**Nalgene Autoclavable Lowboys with Spigot**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | L x W, mm | No. per Pack | No. per Case | No. per Case |
|---|---|---|---|---|---|---|
| 2324-0008 | 8 (2) | 63 | 305 x 366 | 1 | 4 | 4 |
| 2324-0015 | 15 (4) | 63 | 371 x 371 | 1 | 4 | 4 |

# Thermo Scientific Nalgene Autoclavable Rectangular Carboys with Spigot

## polypropylene copolymer, polypropylene spigot and screw closure

**Nalgene™ Rectangular Carboys have a space-saving design for storing and dispensing media, solutions and sterile water.**

These carboys feature a wide mouth opening for filling and cleaning and a spigot for easy dispensing. Sturdy stainless steel handle.

### details

- Wide-mouth opening permits easy filling, transferring and cleaning of carboys
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Stainless steel handle for ease in transporting containers
- Molded-in spigot boss provides strength and leak resistance
- 20 L size has molded-in hand grip for easy handling
- Durable design made to withstand rigorous lab and field use
- Spigot comes with tubing adapter for added versatility
- Autoclavable/Graduated

**Includes:** Polypropylene spigot and screw closure, spigot closure and tubing adapter.

*Notes: Remove and disassemble spigot before autoclaving. May be assembled with spigot closure for autoclaving. Completely disengage closure threads before autoclaving.*

**Nalgene Autoclavable Rectangular Carboys with Spigot**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 2321-0020 | 9 (2) | 100 | 86 | 361 | 1 | 6 |
| 2321-0050 | 20 (5-1/2) | 100 | 86 | 399 | 1 | 4 |

# Thermo Scientific Nalgene Rectangular Clearboy with Spigot

## polycarbonate; polypropylene spigot and screw closure

**Nalgene™ Rectangular Clearboys have a space-saving design for storing and dispensing media, solutions and sterile water. These carboys feature a wide mouth opening for filling and cleaning. Features a sturdy stainless steel handle and extreme impact resistance. Ideal for cold room use.**

### details

- Wide-mouth opening permits easy filling, transfering and cleaning of carboys
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Stainless steel handle for ease in transporting containers
- Molded-in spigot boss provides strength and leak resistance
- Clear wall makes this carboy ideal when visual inspection of contents is necessary
- 20 L size has molded-in hand grip for easy handling
- Durable design made to withstand rigorous lab and field use
- Spigot comes with tubing adapter for versatility
- Follow autoclave instructions provided with the product for proper function
- Autoclavable/Transparent/Graduated/Leakproof†

**Includes:** Polypropylene spigot and screw closure; spigot, spigot closure and tubing adapter.

*Notes: Remove and disassemble spigot before autoclaving. May be assembled with spigot closure for autoclaving. Completely disengage closure threads before autoclaving.*

**Nalgene Autoclavable Clear Rectangular Carboys with Spigot**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 2322-0020 | 9 (2) | 100 | 86 | 361 | 1 | 6 |
| 2322-0050 | 20 (5-1/2) | 100 | 86 | 399 | 1 | 4 |

# Thermo Scientific Nalgene Rectangular Carboy with Spigot

## high-density polyethylene, polypropylene spigot and screw closure

**Nalgene™ Rectangular Carboys have a space-saving design for storing and dispensing media, solutions and deionized water.**

These carboys feature a wide mouth opening for filling and cleaning and a sturdy stainless steel handle. Tough, rigid and excellent chemical resistance make this carboy a good choice for dispensing stock solutions.

### details

- Wide-mouth opening permits easy filling, transferring and cleaning of carboys
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Stainless steel handle for ease in transporting containers
- Molded-in spigot boss provides strength and leak resistance
- Spigot comes with a convenient tubing adapter providing versatility
- 20 L size has molded-in hand grip for easy handling
- Durable design made to withstand rigorous lab and field use
- Rectangular shape saves valuable space on your benchtop
- Graduated

**Includes:** Polypropylene screw closure and spigot, spigot closure and tubing adapter.

**Nalgene Rectangular Carboy with Spigot**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 2320-0020 | 9 (2) | 100 | 86 | 361 | 1 | 6 |
| 2320-0050 | 20 (5-1/2) | 100 | 86 | 399 | 1 | 4 |

# Thermo Scientific Nalgene Fluorinated Rectangular Carboy with Spigot

## fluorinated high-density polyethylene, Tefzel™ ETFE spigot, fluorinated white polypropylene screw closure

**Nalgene™ Fluorinated Rectangular Carboys have a space-saving design for storing and dispensing a variety of solvents.**

These carboys feature a wide mouth opening for filling and cleaning and a sturdy stainless steel handle. Fluorinated surface (inside and out) improves barrier properties and reduces solvent absorption while enhancing long-term container performance and prevents loss due to permeation.

### details

- With Tefzel™ ETFE spigot; fluorinated white polypropylene screw closure
- Wide-mouth opening permits easy filling, transferring and cleaning of carboys
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Stainless steel handle for ease in transporting containers
- Molded-in spigot boss provides strength and leak resistance
- Rectangular shape saves valuable space on your benchtop
- 20 L size has molded-in hand grip for easy handling
- Durable design made to withstand rigorous lab and field use
- Graduated

**Includes:** ETFE spigot and fluorinated white polypropylene screw closure, ETFE spigot, spigot closure and tubing adapter.

**Nalgene Fluorinated Rectangular Carboy with Spigot**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | L x W, mm | Height with Closure, mm | No. per Case |
|---|---|---|---|---|---|---|
| DS2327-0020 | 9 (2) | 100 | 86 | 216 x 147 | 358 | 1 |
| DS2327-0050 | 20 (5-1/2) | 100 | 86 | 318 x 219 | 381 | 1 |

## Thermo Scientific Nalgene Carboys with Tubulation

### low-density polyethylene, polypropylene screw closure

**Nalgene™ Carboys with Tubulation are molded in one piece with serrated tubulation for strength, leak resistance and a longer life.**

Convenient wide-shoulder handles for easy carrying.

### details

- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Carboy and tubulation molded in one piece for strength, leak resistance and a longer life
- Low outlet provides for more complete drainage
- Molded-in handle for ease in transporting containers
- Graduated/Leakproof†

**Includes:** Polypropylene screw closure.

*Notes: Hose clamp should be used when attaching tubing to ensure a tight fit and avoid leaking. Containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Carboys with Tubulation**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2302-0020 | 10 (2-1/2) | 83B | 64 | 245 | 389 | 1 | 6 |
| 2302-0050 | 20 (5-1/2) | 83B | 64 | 281 | 528 | 1 | 4 |

## Thermo Scientific Nalgene Autoclavable Carboys with Bottom Tubulation

### polypropylene; polypropylene screw closure; TPE (thermoplastic elastomer) gasket

**Nalgene™ Autoclavable Carboys with Bottom Tubulation are used with distilled water and culture media.**

These carboys are molded in one piece with serrated tubulation for strength, leak resistance and a longer life. Tubulation accepts 1/2 in. (13 mm) I.D. tubing. Low outlet ensures more complete drainage.

### details

- Bottom tubulation molded in one piece with bottle ensures strength and leak resistance
- Location of outlet low on the carboy ensures more complete drainage
- Molded-in handles for ease in transporting containers
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Follow autoclave instructions provided with the product for proper function
- Autoclavable/Graduated/Leakproof†

**Ordering Information:** Both sizes accept 1/2 in. I.D. (1.3 cm) tubing (not included).

**Includes:** White polypropylene screw closure with TPE gasket.

*Notes: A hose clamp should be used when attaching tubing to ensure tight fit. Completely disengage threads or remove cap before autoclaving*

**Nalgene Autoclavable Carboys with Bottom Tubulation**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2301-0020 | 10 (2-1/2) | 83B | 64 | 245 | 389 | 1 | 6 |
| 2301-0050 | 20 (5-1/2) | 83B | 64 | 281 | 528 | 1 | 4 |

# Thermo Scientific Nalgene Rectangular Carboys with Tubulation

## high-density polyethylene; polypropylene screw closure

**Nalgene™ Rectangular Carboys are molded in one piece with serrated tubulation for strength, leak resistance and a longer life.**

Tubulation accepts 1/2 in. (13 mm) ID tubing. Efficient use of laboratory space with rectangular shape.

### details

- Wide-mouth opening permits easy filling, transferring and cleaning of carboys
- Molded-in graduations in 1 gal. and 5 L increments for ease in dispensing
- Carboy and tubulation molded in one piece for strength, leak resistance and a longer life
- Low outlet provides for more complete drainage
- Stainless steel handle attached and built-in hand grip for ease in handling
- Rectangular shape saves valuable space on your benchtop
- Graduated

**Includes:** Polypropylene screw closure.

*Notes: Hose clamp should be used when attaching tubing to ensure a tight fit and avoid leaking. Containers can be used for long-term storage, but direct UV exposure should be avoided.*

**Nalgene Rectangular Carboys with Tubulation**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | L x W, mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2303-0020 | 9 (2) | 100 | 86 | 220 x 153 | 361 | 1 | 6 |
| 2303-0050 | 20 (5-1/2) | 100 | 86 | 229 x 320 | 399 | 1 | 4 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers** or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

# Thermo Scientific Nalgene Safety Dispensing Jugs

## low-density polyethylene; white polypropylene screw closure

**Nalgene™ Dispensing Jug has a permanently attached pour spout and a polypropylene screw closure.**

Lighter in weight than glass, this jug protects against leakage, breaking and contamination. Wide shoulder handle and molded bottom grip for additional support when pouring.

### details

- Integral shoulder handle and molded bottom grip make carrying and pouring comfortable and easy
- Molded-in pour spout reduces splash, back off closure to vent
- Attached closure won't get lost
- Leakproof†

**Includes:** Polypropylene screw closure.

**Nalgene Safety Dispensing Jugs**

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2340-0020 | 10 (2-1/2) | 83B | 64 | 250 | 389 | 1 | 4 |
| 2340-0050 | 20 (5-1/2) | 83B | 64 | 286 | 528 | 1 | 4 |

## Thermo Scientific Nalgene Jugs

### polypropylene copolymer, polypropylene screw closure

**Nalgene™ PPCO Jugs have a large carrying handle which allows the use of rubber gloves for safe handling of corrosive liquids.**

Excellent chemical resistance. The pour spout is offset for easy, accurate pouring.

#### details

- Lightweight for easy handling and carrying – one-third the weight of glass
- Autoclavable/Leakproof†

**Includes:** Polypropylene screw closure; 8 L size has a white PP closure with a TPE gasket.

*Notes: Completely disengage threads or remove cap before autoclaving polypropylene jugs. For the best results, autoclave using a properly vented closure.*

Nalgene Jugs

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2221-0010 | 4 (1) | 38-430 | 25 | 152 | 304 | 1 | 6 |
| 2221-0020 | 8 (2) | 53B | 39 | 195 | 385 | 1 | 6 |

## Thermo Scientific Nalgene Jugs

### low-density polyethylene, polypropylene screw closure

**Nalgene™ LDPE Jugs have a large carrying handle which allows the use of rubber gloves for safe handling of corrosive liquids.**

Excellent chemical resistance. The pour spout is offset for easy, accurate pouring.

#### details

- Lightweight for easy handling and carrying – one-third the weight of glass
- Leakproof†

**Includes:** Polypropylene screw closure.

Nalgene Jugs

| Cat. No. | Capacity, L (gal.) | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2220-0010 | 4 (1) | 38-430 | 25 | 152 | 304 | 1 | 6 |
| 2220-0020 | 8 (2) | 53B | 39 | 195 | 385 | 1 | 6 |

## Thermo Scientific Nalgene Quick-Action Spigots

### polypropylene with high-density polyethylene tubing adapter

**Nalgene™ Quick-Action Spigots are the standard for Nalgene carboys.**

Includes HDPE tubing adapter which accepts tubing with 1/4 or 5/16 in. I.D.

details

- Takes 5/8 in. (1.6 cm) I.D. tubing without a tubing adapter
- Supplied with adapter for 1/4 or 5/16 in. (0.6 or 0.8 cm) tubing
- Autoclavable (unassembled)

*Notes: Spigot should be disassembled before autoclaving. Tubing adapter is not autoclavable.*

**Nalgene Quick-Action Spigots**

| Cat. No. | Material | No. per Pack | No. per Case | No. per Case |
|---|---|---|---|---|
| 6422-0010 | Polypropylene | 1 | 12 | 12 |

## Thermo Scientific Nalgene Quick-Action Spigots

### Tefzel™ ETFE (ethylene-tetrafluoroethylene), polypropylene

**Nalgene™ ETFE Quick-Action Spigots are chemically resistant to selected solvents and other chemicals.**

Body and plug are made of Tefzel™ ETFE. Accepts tubing with 5/8 in. I.D.

details

- Replacement spigot for DS2327-series fluorinated carboys
- Tubing adapter not included
- Autoclavable (unassembled)

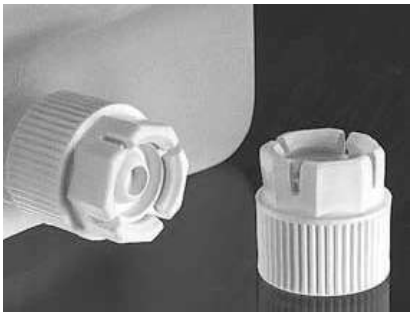
*Notes: Disassemble spigot before autoclaving.*

**Nalgene Quick-Action Spigots**

| Cat. No. | Material | No. per Pack | No. per Case |
|---|---|---|---|
| 6432-0010 | ETFE | 1 | 2 |

## Thermo Scientific Nalgene Spigot Closure

### white polypropylene lock nut, thermoplastic elastomer plug



**Nalgene™ Spigot Closure fits all Nalgene carboys with spigot and selected Nalgene tanks with spigot.**

Use to replace the spigot during autoclaving. Also useful when handling could damage or accidentally turn on a spigot or when a spigot-less carboy is required. Included with all Nalgene carboys with spigot.

Closure keeps solutions safe by providing a leakproof seal when handling could damage or accidentally turn spigot on

Designed to fit Nalgene carboys, Clearboys, Lowboys and tanks that have a thread size of 1-1/8 in., 12 male screw head

### details

- Autoclavable/Leakproof†

**Nalgene Spigot Closure**

| Cat. No. | Description | No. per Pack | No. per Case |
|---|---|---|---|
| 6423-0010 | Spigot Closure for Nalgene Bottles, Jars, Carboys | 4 | 24 |

## Thermo Scientific Nalgene Carboy Replacement Screw Closures and Gaskets

**Nalgene™ Replacement Screw Closures for Nalgene Carboys fit securely for guaranteed leakproof service. Gaskets for 53B and 83B closures are also available.**

### details

- Made to fit Nalgene Carboys

**Nalgene Carboy Replacement Screw Closures and Gaskets**

| Cat. No. | Closure Size, mm | Description | No. per Pack | No. per Case |
|---|---|---|---|---|
| 712150-1000 | 100 | Screw White Closure PP 100 mm | 12 | 12 |
| 712155-1200 | 120 | Large Jar Closure White PP 120 mm | 12 | 12 |
| 712160-0053 | 53B | Sealing Gasket TPE For 53B closure | 12 | 12 |
| 712160-0530 | 53B | Screw Closure White PP 53B | 12 | 12 |
| 712160-0830 | 83B | Screw Closure White PP 83B | 2 | 2 |
| 712162-1830 | – | Sealing Gasket TPE for Sealing Closure 712160-0830 | 5 | 5 |

# Thermo Scientific Nalgene Magnetic Carboy Stirrer

## polyvinylidene fluoride, stainless steel-reinforced shaft, Teflon® TFE stir bar, TFE, impeller, polypropylene screw closure

**Nalgene™ Magnetic Carboy Stirrer is used with Nalgene 10 L and 20 L carboys for low-speed mixing of high volumes of media and buffer solution.**

Adjusts easily to fit either a 10 L or 20 L Nalgene carboy with an 83B size closure. Supplied with a closure and two impellers. Eliminates the need to retrieve magnets from your solution.

### details

- Provides low-speed mixing of high volumes of media and buffer solution
- Fits 10 L or 20 L Nalgene carboys with 83B closure
- For use with a magnetic stir plate (not included)
- Autoclavable

*Notes: Includes closure and two impellers.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

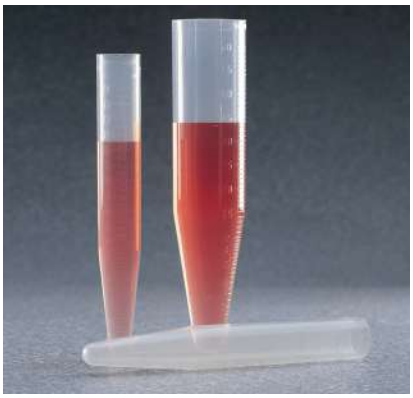
| Specifications | |
|---|---|
| Closure size, mm | 83B |
| Shaft O.D. | 13 mm |
| Shaft Length | 588 mm |
| Stir Bar Diameter | 13 mm |
| Stir Bar Length | 75 mm |

**Nalgene Magnetic Carboy Stirrer**

| Cat. No. | Length, mm | No. per Case |
|---|---|---|
| DS2227-0020 | 588 | 1 |

# Thermo Scientific Nalgene Conical-Bottom Centrifuge Tubes

## polypropylene copolymer



**Nalgene™ PPCO Conical-Bottom Centrifuge Tubes with molded-in graduations have excellent chemical resistance.**

Designed for low-speed centrifugation up to 6000 xg in refrigerated and non-refrigerated centrifuges

### details

- Translucent PPCO is compatible with a wide range of lab reagents
- Conical bottoms concentrate pellet in a small area for easy isolation and retrieval
- Molded-in graduations last the life of the tube
- Last longer than polycarbonate tubes under conditions of repeated autoclaving
- Autoclavable/Graduated

**Ordering Information:** Supplied without closure; friction fit closures available. For 15 mL use DS3111-00017; for 50 mL use DS8111-0029.

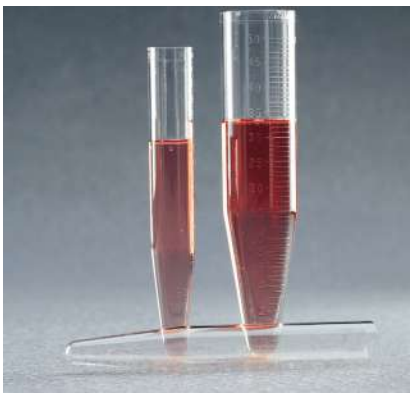
*Notes: Conical centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Conical-Bottom Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | No. per Pack | No. per Case | Cap, sold separately |
|---|---|---|---|---|---|
| 3103-0015 | 15 | 16.8 x 118.6 | 10 | 100 | DS3111-0017 |
| 3103-0050 | 50 | 28.7 x 133.1 | 10 | 100 | DS3111-0029 |

# Thermo Scientific Nalgene Conical-Bottom Centrifuge Tubes

## polycarbonate



**Nalgene™ PC open-top Conical-Bottom Tubes have outstanding mechanical strength and clarity, making them excellent for whole-cell separations.**

Versatile polycarbonate tubes can be used up to 6000 xg in both refrigerated and nonrefrigerated centrifuges.

### details

- Conical bottoms concentrate pellet in a small area for easy isolation and retrieval
- Excellent clarity for viewing tube contents
- Molded-in graduations last the life of the tube
- Autoclavable/Graduated/Transparent

**Ordering Information:** Supplied without closure; friction fit closures available. For 15 mL use DS3111-0017; for 50 mL use DS3111-0029.

*Notes: Conical centrifuge tubes must be filled at least 80% for proper performance. Autoclaving repeatedly shorten the life of polycarbonate tubes.*

**Nalgene Conical-Bottom Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | No. per Pack | No. per Case | Caps, sold separately |
|---|---|---|---|---|---|
| 3105-0015 | 15 | 17.0 x 120.1 | 10 | 100 | DS3111-0017 |
| 3105-0050 | 50 | 28.7 x 134.1 | 10 | 100 | DS3117-0029 |

# Thermo Scientific Nalgene High-Speed Round-Bottom Centrifuge Tubes

## polypropylene copolymer

**Nalgene™ High-Speed Round-Bottom CentrifugeTubes feature uniform wall thickness and diameter, providing improved rotor fit and performance.**

Designed for use up to 50,000 xg to fit high speed rotors in refrigerated or nonrefrigerated centrifuges.

### details

- Molding technique produces uniform wall thickness for increased strength
- Uniform diameter (no taper) for better rotor fit and force tolerance
- 50 mL (Cat. No. 3110-9500) and 100 mL sizes lipped for easier retrieval from rotor cavities
- Excellent chemical resistance
- Economical choice – may also be used as test tubes
- Longer-lasting than polycarbonate tubes under conditions of repeated autoclaving
- Autoclavable

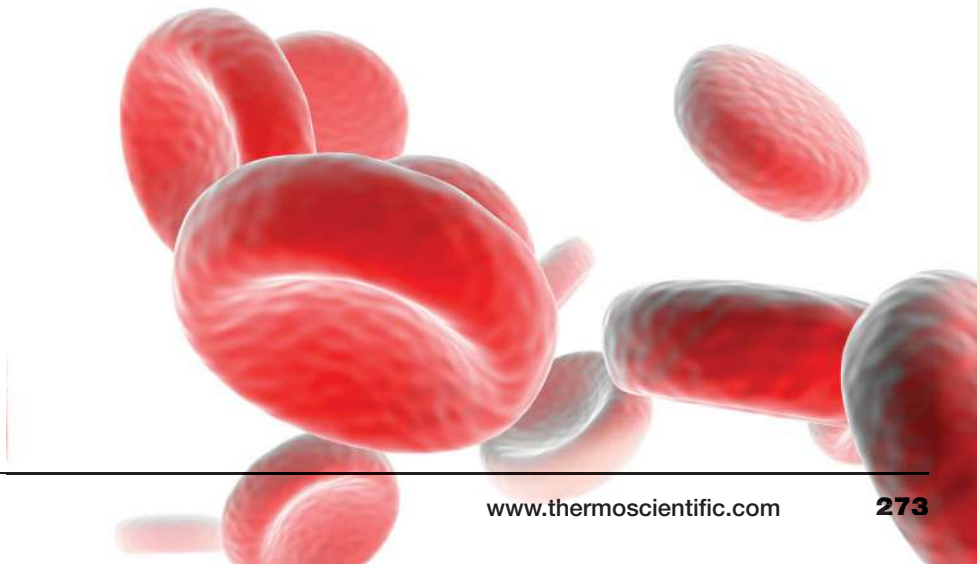
**Ordering Information:** Supplied without closure; friction-fit closures available separately (Cat. No. DS3111-series).

**Alerts:** Use with friction fit closures (Cat. No. DS3111-series) for high speed centrifugation.

*Notes: Centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge High-Speed Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | No. per Pack | No. per Case | Caps, sold separately |
|---|---|---|---|---|---|
| 3110-0120 | 12 | 15.8 x 102.1 | 10 | 100 | DS3111-0016 |
| 3110-0150 | 15 | 15.8 x 112.8 | 10 | 100 | DS3111-0016 |
| 3110-0160 | 16 | 17.8 x 98.6 | 10 | 100 | DS3111-0018 |
| 3110-0380 | 38 | 25.2 x 88.1 | 10 | 100 | DS3111-0025 |
| 3110-0500 | 50 | 28.5 x 102.4 | 10 | 100 | DS3111-0030 |
| 3110-9500 | 50 | 28.4 x 102 | 10 | 40 | DS3111-0029 |
| 3110-1000 | 100 | 31.5 x 163.1 | 10 | 100 | DS3111-0032 |



# Thermo Scientific Nalgene High-Speed Round-Bottom Centrifuge Tubes

## polycarbonate

**Nalgene™ High-Speed Round-Bottom Centrifuge Tubes demonstrate outstanding mechanical strength and clarity.**

Designed for high-speed centrifugation up to 50,000 xg in refrigerated and non-refrigerated centrifuges

### details

- Designed with round bottoms and uniform diameter (no taper) for better fit and force tolerance to fit high-speed rotors
- Molding technique produces uniform wall thickness for increased strength
- Lip (on Cat. Nos. 3117-1000 and 3117-9500) allows easier retrieval from rotor cavities
- Economical choice – may also be used as test tubes
- Excellent clarity for viewing contents
- These high-speed polycarbonate tubes withstand temperatures from -135° to +135°C (-211° to +275°F)
- Autoclavable/Transparent

**Ordering Information:** Supplied without closure; friction-fit closures available separately (Cat. No. DS3111-series).

**Alerts:** Use with friction-fit closures (Cat. No. DS3111-series) for high-speed centrifugation.

*Notes: Centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge High-Speed Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | No. per Pack | No. per Case | Cap, sold separately |
|---|---|---|---|---|---|
| 3117-0120 | 12 | 15.9 x 103.1 | 10 | 100 | DS3111-0016 |
| 3117-0150 | 15 | 16.0 x 114.0 | 10 | 100 | DS3111-0016 |
| 3117-0160 | 16 | 17.9 x 99.8 | 10 | 100 | DS3111-0018 |
| 3117-0380 | 38 | 25.3 x 88.6 | 10 | 100 | DS3111-0025 |
| 3117-0500 | 50 | 28.8 x 103.1 | 10 | 100 | DS3111-0030 |
| 3117-9500 | 50 | 28.5 x 102.0 | 10 | 100 | DS3111-0029 |
| 3117-1000 | 100 | 31.5 x 164.3 | 10 | 40 | DS3111-0032 |

# Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tubes

## Teflon® FEP, Tefzel™ ETFE screw closure

**Nalgene™ FEP Oak Ridge High-Speed Centrifuge Tubes are excellent for high-speed centrifugation of aggressive chemicals.**

Excellent for chloroform and phenol extractions in refrigerated machines up to 50,000 ×g.

### details

- Withstand temperatures from -100°C to 150°C (-148°F to 302°F) for versatility from the freezer to the autoclave and more
- Use to 50,000 xg in refrigerated centrifuges (tubes must be filled 100% to prevent collapse)
- Leakproof† Tefzel™ ETFE closures prevent material loss under ordinary use for most spins up to 10,000 xg
- Sealing caps available for 30 mL and 50 mL size to assure leakproof service especially at high speeds >10,000 xg or when spinning hazardous materials
- Autoclavable/Biohazard/Leakproof†/Teflon® FEP

**Ordering Information:** Optional sealing caps available – Cat. No. DS3131-0020 (for 30 mL tube) and DS3131-0024 (for 50 mL tube).

**Includes:** Tefzel™ ETFE screw closures (Cat. No. DS3131-series).

**Alerts:** Must be filled to 100% of total capacity for centrifugation.

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Oak Ridge High-Speed Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3114-0010 | 10 | 16.0 x 79.0 | 13 | 2 | 10 |
| 3114-0030 | 30 | 25.7 x 93.0 | 20 | 2 | 10 |
| 3114-0050* | 50 | 28.8 x 106.7 | 24 | 2 | 10 |

**Designed to fit standard rotors. Actual brim capacity of Cat. No. 3114-0050 is 42 mL.*

# Thermo Scientific Nalgene Oak Ridge Centrifuge Tubes with Sealing Cap

## polysulfone, polypropylene screw closure

**Nalgene™ Oak Ridge PSF Centrifuge Tubes feature enhanced resistance to acids and bases and excellent clarity for viewing separation interfaces and pellets.**

Designed for high-speed centrifugation up to 50,000 xg in refrigerated and non-refrigerated centrifuges.

### details

- With round bottoms to fit high speed rotors
- Transparent, with straw-colored cast, allows easy content viewing
- PP linerless screw closures included – easy to clean and provides leakproof performance under ordinary use for most spins up to 10,000 xg
- For leakproof assurance at speeds >10,000 xg, use with sealing cap or sealing cap assembly sold separately
- Autoclavable/Transparent/Leakproof†

**Includes:** Polypropylene sealing cap.

**Ordering Information:** Sealing cap assembly also available separately (Cat. No. DS3131-series).

*Notes: Tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge Centrifuge Tubes with Sealing Cap**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3115-0030 | 30 | 25.8 x 94.0 | 20 | 10 | 100 |
| 3115-0050* | 50 | 29.0 x 107.2 | 24 | 10 | 100 |

**Designed to fit standard rotors. Actual brim capacity of Cat. No. 3115-0050 is 42 mL.*

# Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tubes

## polycarbonate; polypropylene screw closure

**Nalgene™ Oak Ridge High-Speed Centrifuge Tubes are strong and have excellent mechanical strength.**

Transparent tubes are clear and allow easy viewing of contents. Designed for high-speed centrifugation up to 50,000 xg in refrigerated and non-refrigerated centrifuges.

### details

- Excellent mechanical strength and visual clarity
- Can be autoclaved repeatedly – but autoclaving will reduce product life
- PP linerless closures included – easy to clean and provide leakproof performance under ordinary use for most spins <10,000 xg
- For leakproof performance >10,000 xg, use a sealing cap or sealing cap assembly (sold separately)
- Autoclavable/Biohazard/Transparent/Leakproof†

**Includes:** polypropylene screw closure.

**Ordering Information:** Optional sealing-cap assemblies available for selected sizes. Use Cat. No. DS3131-0020 (for 30 mL tube) and Cat. No. DS3131-0024 (for 50 mL tube).

*Note: Centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge High Speed Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3118-0010 | 10 | 16.1 x 80.5 | 13 | 10 | 100 |
| 3118-0028 | 28 | 25.8 x 94.0 | 20 | 10 | 100 |
| 3118-0030 | 30 | 25.8 x 94.0 | 20 | 10 | 100 |
| 3118-0050* | 50 | 28.8 x 106.4 | 24 | 10 | 100 |
| 3118-0085 | 85 | 38.2 x 105.2 | 33 | 10 | 100 |

**Designed to fit standard rotors. Actual brim capacity of Cat. No. 3118-0050 is 42 mL.*

# Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tubes

## polypropylene copolymer, polypropylene screw closure

**Nalgene™ Oak Ridge High-Speed Centrifuge Tubes are strong and have excellent mechanical strength. Translucent tubes are contact-clear and allow easy viewing of contents.**

### details

- Greater chemical resistance than polycarbonate
- Can be autoclaved repeatedly – lasts longer than polycarbonate tubes under conditions of repeated autoclaving
- PP linerless closures – easy to clean and provides leak proof protection under normal conditions up to 10,000 xg
- For speeds >10,000 xg, sealing caps or sealing cap assemblies are recommended
- Autoclavable/Biohazard/Leakproof†

**Ordering Information:** Optional sealing cap assemblies are also available for select sizes. Use Cat. No. DS3131-0020 for 28 mL and 30 mL tubes and DS3131-0024 for 50 mL tube.

**Includes:** Polypropylene screw closures.

*Notes: Centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge High Speed Centrifuge Tubes, PPCO**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3119-0010 | 10 | 16.1 x 80.5 | 13 | 10 | 100 |
| 3119-0028 | 28 | 25.8 x 94.0 | 20 | 10 | 100 |
| 3119-0030 | 30 | 25.8 x 93.5 | 20 | 10 | 100 |
| 3119-0050 | 50 | 28.8 x 105.9 | 24 | 10 | 100 |

# Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tubes

## polysulfone, polypropylene screw closure with silicone gasket

**Nalgene™ PSF High-Speed Oak Ridge Centrifuge tubes feature enhanced resistance to acids and bases and come with sealing caps.**

Designed for high-speed centrifugation up to 50,000 xg in refrigerated and non-refrigerated centrifuges.

### details

- With round bottoms to fit high speed rotors
- Transparent, with straw-colored cast, allows easy content viewing
- PP sealing cap closure with silicone gasket for extra leak protection when spinning hazardous substances at >10,000 xg
- Autoclavable/Biohazard/Transparent/Leakproof†

**Includes:** Polypropylene sealing cap with silicone gasket.

**Ordering Information:** Sealing cap assembly available separately (Cat. No. DS3131-0024).

*Note: Conical centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3137-0050* | 50 | 28.8 x 114.8 | 24 | 10 | 50 |

**Designed to fit standard rotors. Actual brim capacity of Cat. No. 3137-0050 is 42 mL.*

# Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tubes

## polycarbonate; polypropylene screw closure; silicone gasket

**Nalgene™ Polycarbonate High-speed Oak Ridge Centrifuge Tubes are strong and have excellent mechanical strength. Transparent tubes provide clarity for easy viewing of contents.**

Designed for high-speed centrifugation up to 50,000 xg in refrigerated and non-refrigerated centrifuges

### details

- With round bottoms to fit high speed rotors
- Transparent, allowing easy content viewing
- PP sealing caps with silicone gaskets for extra leak protection when spinning >10,000 x g or spinning hazardous materials
- Autoclavable/Biohazard/Transparent/Leakproof†

**Includes:** Polypropylene sealing cap with silicone gasket.

**Ordering Information:** Sealing cap assembly available separately (Cat. No. DS3131-0020 for 30 mL tube and DS3131-0024 for 50 mL tube).

*Notes: Conical centrifuge tubes must be filled at least 80% for proper performance*

**Nalgene Oak Ridge High Speed Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3138-0010 | 10 | 16.1 x 83.8 | 13 | 10 | 50 |
| 3138-0016 | 16 | 18.1 x 107.2 | 15 | 10 | 50 |
| 3138-0030 | 30 | 25.8 x 102.6 | 20 | 10 | 50 |
| 3138-0050* | 50 | 28.8 x 114.8 | 24 | 10 | 50 |

**Designed to fit standard rotors. Actual brim capacity of Cat. No. 3138-0050 is 42 mL.*

# Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tubes

## polypropylene copolymer, polypropylene screw closure, silicone gasket

**Nalgene™ Oak Ridge High-speed Centrifuge Tubes are strong and have excellent mechanical strength.**

Translucent tubes are contact-clear and allow easy viewing of contents. Designed for high-speed centrifugation up to 50,000 xg in refrigerated and non-refrigerated centrifuges

### details

- Greater chemical resistance than polycarbonate
- Can be autoclaved repeatedly – last longer than polycarbonate tubes under conditions of repeated autoclaving
- PP sealing caps with silicone gaskets included for extra leak protection when spinning >10,000xg or spinning hazardous materials
- Autoclavable/Biohazard/Leakproof†

**Includes:** polypropylene sealing cap with silicone gasket.

**Ordering Information:** Optional sealing-cap assemblies available for selected sizes. Use Cat. No. DS3131-0020 (for 30 mL tube) and DS3131-0024 (for 50 mL Tube).

*Note: Centrifuge tubes must be filled at least 80% for proper performance.*

**Nalgene Oak Ridge High-Speed Centrifuge Tubes with Sealing Cap**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3139-0010 | 10 | 16.1 x 82.8 | 13 | 10 | 50 |
| 3139-0016 | 16 | 18.1 x 106.4 | 15 | 10 | 50 |
| 3139-0030 | 30 | 25.8 x 102.1 | 20 | 10 | 50 |
| 3139-0050* | 50 | 28.8 x 113.5 | 24 | 10 | 50 |

**Actual brim capacity of Cat. No. 3139-0050 is 42 mL.*

# Thermo Scientific Nalgene Conical Oak Ridge High-Speed 35 mL Graduated Centrifuge Tubes

## polycarbonate, polypropylene screw closure

**Nalgene™ Conical Oak Ridge tubes combine the better separation and pelleting of a conical tube with the superior sealing capability of an Oak Ridge tube.**

Tube can spin up to 50,000 xg in a refrigerated or non-refrigerated centrifuge, conical tube adapter required.

### details

- With conical bottoms for superior separation and pelleting
- Feature silk-screened graduations from 5 to 35 mL in 1 mL increments
- Polycarbonate tubes offer high strength, white graduations and are transparent
- Can withstand forces to 50,000 xg in refrigerated or non-refrigerated centrifuges – requires adapter, Cat. No. DS3147-0050, sold separately
- Supplied with polypropylene linerless closures for leakproof performance up to 10,000 xg
- Autoclavable/Biohazard/Transparent/Graduated/Leakproof†

**Includes:** Linerless, polypropylene screw closure.

**Ordering Information:** To assure leakproof service, especially at speeds greater than 10,000 xg or when spinning hazardous materials, use Nalgene sealing caps Cat. No. DS3132-0024 or sealing cap assemblies Cat. No. DS3131-0024.

**Requires:** white polycarbonate tube adapter (see Cat. No. DS3147-0050 below) to centrifuge.

*Note: Conical centrifuge tubes must be filled at least 80% for proper performance Repeated autoclaving will shorten the life of PC tubes.*

**Nalgene Conical Oak Ridge High-Speed 35 mL Graduated Centrifuge Tubes**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3146-0050 | 35 | 28.3 x 104.4 | 24 | 10 | 100 |
| DS3147-0050 | 35 | Oakrdige Conical Tube Adapter | – | – | 6 |

# Thermo Scientific Nalgene Conical Oak Ridge Centrifuge Tube

## graduated, polypropylene copolymer, polypropylene screw closure

**Nalgene™ Conical Oak Ridge tubes combine the better separation and pelleting of a conical tube with the superior sealing capability of an Oak Ridge tube.**

Tube can spin up to 50,000 xg in a refrigerated or non-refrigerated centrifuge, conical tube adapter required. Can be used with sealing caps, sold separately, for added leakproof performance >10,000 xg.

### details

- With conical bottoms for superior separation and pelleting
- Feature silk-screened graduations from 5 to 35 mL in 1 mL increments
- Polypropylene copolymer tubes are translucent and offer better chemical resistance than polycarbonate; repeatedly autoclavable
- Can withstand forces to 50,000 xg in refrigerated or non-refrigerated centrifuges – requires adapter, Cat. No. DS3147-0050, sold separately
- Supplied with polypropylene linerless closures for leak-proof performance up to 10,000 xg
- Autoclavable/Biohazard/Graduated/Leakproof†

**Includes:** Linerless, polypropylene screw closure.

**Ordering Information:** To assure leakproof service, especially at speeds greater than 10,000 xg or when spinning hazardous materials, use Nalgene sealing cap Cat. No. DS3132-0024 or sealing cap assembly Cat. No. DS3131-0024.

**Requires:** White polycarbonate tube adapter (see Cat. No. DS3147-0050 in the table below).

**Nalgene Conical Oak Ridge Centrifuge Tube**

| Cat. No. | Capacity, mL | O.D. x H, mm | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3148-0050 | 35 | 28.3 x 103.8 | 24 | 10 | 100 |
| DS3147-0050 | 35 | Oakrdige Conical Tube Adapter | – | – | 6 |

## Thermo Scientific Nalgene Friction-Fit Closures for Plastic Centrifuge Tubes

### polypropylene

**Nalgene™ Friction-Fit closures are designed to fit Nalgene open-top round bottom and conical centrifuge tubes and feature a pull tab for easy removal from the centrifuge.**

May not be liquid-tight during high-speed centrifugation.

#### details

- Designed to be compatible with Nalgene open-top round bottom and conical centrifuge tubes
- Cat. No. DS3111-0030 fits non-lipped 50 mL centrifuge tubes only
- Autoclavable

**Nalgene Friction-Fit Closures for Open Top Centrifuge Tubes**

| Cat. No. | Closure Size, mm | No. per Case |
|---|---|---|
| DS3111-0016 | 16 | 20 |
| DS3111-0017 | 17 | 20 |
| DS3111-0018 | 18 | 20 |
| DS3111-0025 | 25 | 20 |
| DS3111-0029 | 29 | 20 |
| DS3111-0030 | 30 | 20 |
| DS3111-0032 | 32 | 20 |

## Thermo Scientific Nalgene Sealing Cap Assemblies

### polypropylene screw closure, Tefzel™ ETFE plug, Viton™ fluoroelastomer o-ring

**Nalgene™ Sealing Cap Assembly permits tube use at their highest rated speed level (10,000 xg or greater) without leakage, even when full.**

Recommended when spinning hazardous materials compatible with centrifuge tube material.

#### details

- Top fits securely for use at maximum speeds without leakage
- Autoclavable/Biohazard/Leakproof†

*Notes: Completely disengage threads before autoclaving.*

**Nalgene Sealing Cap Assemblies**

| Cat. No. | Closure Size, mm | No. per Case |
|---|---|---|
| DS3131-0020 | 20 | 2 |
| DS3131-0024 | 24 | 2 |

## Thermo Scientific Nalgene Oak Ridge High-Speed Centrifuge Tube Sealing Caps

### polypropylene screw closure, silicone gasket

**Nalgene™ Sealing Caps for Oak Ridge Centrifuge Tubes ensure leakproof service at their maximum speeds >10,000 xg, even when full.**

Also recommended when spinning hazardous materials compatible with centrifuge tube material.

### details

- White polypropylene with red silicone gaskets for leakproof high speed spin performance
- Designed to fit Oak Ridge centrifuge tubes with 20 or 24 threaded closure
- Autoclavable/Biohazard/Leakproof†

*Notes: Before autoclaving, set closure on top of the container without engaging the threads.*

**Nalgene Sealing Caps for Oak Ridge Tubes**

| Cat. No. | Closure Size, mm | No. per Case |
|---|---|---|
| DS3132-0020 | 20 | 2 |
| DS3132-0024 | 24 | 2 |

## Thermo Scientific Nalgene Oak Ridge Conical Centrifuge Tube Adapter

### white polycarbonate

**Nalgene™ Oak Ridge Conical Tube Adapter must be used with Nalgene 35 mL conical Oak Ridge Tubes (Cat. Nos. 3146, 3148).**

### details

- Easily removed from rotors after use
- Autoclavable

**Nalgene Oak Ridge Conical Tube Adapter**

| Cat. No. | Use with 35 mL Oak RidgeTubes | No. per Case |
|---|---|---|
| DS3147-0050 | Cat. Nos. 3146-0050 and 3148-0050 | 6 |

# Centrifuge Chemical Resistance Table

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| 1-(4-Chlorophenyl)ethanone, pure | S | S | M | S | M | M | U | U | U | M | S | S | – |
| 1,3-Butadiene, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| 1,4-Dioxane, pure | S | M | U | M | M | U | U | U | U | M | M | M | U |
| 1:3 Mixture Of Nitric And Hydrochloric Acids, pure | S | U | U | U | U | U | U | U | M | U | S2 | U | U |
| 1-Pentanol, pure | S | S | M | M | M | M | S2 | U | S | M | S | M | M |
| 1-Phenylethanone, pure | S | M | U | M | M | U | U | U | U | M | S | M | U |
| 1-Undecanol, pure | S | S2 | M | S | M | M | M | – | S | M | S2 | S | – |
| 2,2,4-Trimethylpentane, pure | S | U | U | U | U | M | U | U | – | U | S2 | U | – |
| 2,2'-Oxybispropane, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | – |
| 2,4,6-Trinitrophenol, pure | S | M | U | U | M | U | U | U | S | M | M | U | S2 |
| 2-Hydroxy-1,2,3-Propanetricarboxylic Acid Tributyl Ester, pure | S | M | U | M | M | U | U | U | U | M | S2 | M | U |
| 2-Hydroxybenzaldehyde, pure | S | S2 | M | S | M | M | U | U | M | M | U | S | – |
| 2-Isopropoxypropane, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | – |
| 2-Methoxyethanol, pure | S | S | U | S | M | U | U | U | U | M | S2 | S | – |
| 2-Methoxyethyl Oleate, pure | S | S2 | U | S | M | U | U | U | – | M | S | S | – |
| 2-Propanol, pure | S | S | U | S | S | M | S2 | S2 | S | S | S | S | S2 |
| 2-Propanone, pure | S | M | U | U | M | U | U | U | U | M | M | U | U |
| 2-Propenenitrile, pure | S | U | U | S | U | U | U | U | U | U | S2 | S | U |
| 3-Phenyl-2-propenal, pure | S | U | M | U | U | M | U | U | U | U | S2 | U | – |
| 4'-Chloroacetophenone, pure | S | S | M | S | M | M | U | U | U | M | S | S | – |
| Acetaldehyde, pure | S | M | U | U | M | U | U | U | U | M | M | U | U |
| Acetic Acid Benzyl Ester, pure | S | S2 | U | M | S | U | U | U | S | S | S2 | M | – |
| Acetic Acid Phenylmethyl Ester, pure | S | S2 | U | M | S | U | U | U | S | S | S2 | M | – |
| Acetic Anhydride, pure | S | M | U | U | M | U | U | U | U | M | S | U | U |
| Acetone, pure | S | M | U | U | M | U | U | U | U | M | S2 | U | U |
| Acetonitrile, pure | S | U | U | S | M | U | U | U | U | M | S2 | S | U |
| Acetophenone, pure | S | M | U | M | M | U | U | U | U | M | S | M | U |
| Acrylonitrile, pure | S | U | U | S | U | U | U | U | U | U | S2 | S | U |
| Adipic Acid, pure | S | S | S | S | S | S | S | – | S2 | S | S | S | – |
| Alanine, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| Allyl Alcohol, pure | S | S | M | U | S | M | U | – | S | S | S2 | U | – |
| Aluminum Chloride, pure | S | S | S2 | S | S | S | S | U | S | S | S | S | S |
| Aluminum Hydrate, pure | S | S | U | S | S | M | M | S2 | S | S | S | S | S |
| Aluminum Hydroxide, pure | S | S | U | S | S | M | M | S2 | S | S | S | S | S |

**Key:**

S = Satisfactory
S1 = Satisfactory, may cause discoloration
S2 = Satisfactory below 26°C only
M = Marginal; may be satisfactory for use in a centrifuge depending on length of exposure and speed. Testing under operation conditions is suggested before actual run.
U = Unsatisfactory; not recommended

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| Aluminum Salts, pure | S | S | M | S | S | M | S2 | U | M | S | S | S | S2 |
| Aluminum Trihydrate, pure | S | S | U | S | S | M | M | S2 | S | S | S | S | S |
| Amino Acids, pure | S | S | S | S | S | S | S | S2 | S | S | S2 | S | S |
| Ammonia, pure | S | S | U | S | S | M | S2 | U | U | S | S | S | M |
| Ammonium Chloride, pure | S | S | S2 | S | S | S | S | S2 | S2 | S | S | S | S2 |
| Ammonium Glycolate, pure | S | S2 | M | S | S | M | S | – | S2 | S | S | S | – |
| Ammonium Oxalate, pure | S | S2 | S | S | S | S | S | – | – | S | S | S | – |
| Ammonium Salts, pure | S | S | M | S | S | M | M | S2 | M | S | S | S | S2 |
| Amyl Alcohol, pure | S | S | M | M | M | M | S2 | U | S | M | S | M | M |
| Amyl Chloride, pure | S | U | U | U | U | U | U | U | M | U | S | U | U |
| Aniline, pure | S | U | U | U | M | U | U | U | U | M | M | U | U |
| Aqua Regia, pure | S | U | U | U | U | U | U | U | M | U | S2 | U | U |
| Arsenic Acid, pure | S | M | S | S | S | S | S | S2 | S | S | S | S | M |
| Benzaldehyde, pure | S | M | U | U | M | U | U | U | U | M | M | U | U |
| Benzenamine, pure | S | U | U | U | M | U | U | U | U | M | M | U | U |
| Benzene, pure | S | U | U | U | U | U | U | U | S | U | S2 | U | U |
| Benzol, pure | S | U | U | U | U | U | U | U | S | U | S2 | U | U |
| Benzyl Acetate, pure | S | S2 | U | M | S | U | U | U | S | S | S2 | M | – |
| Benzyl Alcohol, pure | S | U | U | U | M | U | U | U | S | M | S | U | – |
| Boric Acid, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| Bromine, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | U |
| Bromoform, pure | S | U | U | U | U | U | U | U | S | U | M | U | – |
| Butadiene, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| Butyl Acetate, pure | S | M | U | U | U | U | U | U | U | U | S2 | U | U |
| Butyl Chloride, pure | S | U | U | U | U | U | U | U | – | U | S | U | U |
| Butyl Citrate, pure | S | M | U | M | M | U | U | U | U | M | S2 | M | U |
| Butyric Acid, pure | S | U | U | U | U | M | U | U | M | U | S | U | – |
| Calcium Chloride, pure | S | S | S | S | S1 | S | S | S2 | S | S1 | S | S | S |
| Calcium Hypochlorite, Saturated | S | S | U | S | S | M | S2 | U | S | S | S | S | M |
| Carbazole, pure | S | S | U | S | S | U | S | – | – | S | S | S | – |
| Carbon Disulfide, pure | S | U | U | U | M | U | U | U | S | M | M | U | U |
| Carbon Tetrachloride, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| Cedarwood Oil, pure | S | U | M | U | U | M | U | U | S | U | S2 | U | – |
| Cellosolve® Acetate, pure | S | S2 | U | S | M | U | U | U | U | M | S2 | S | – |
| Chlorobenzene, pure | S | U | U | U | U | U | U | U | S | U | M | U | U |
| Chloroform, pure | S | U | U | U | U | U | U | U | S | U | M | U | U |

**Key:**

S = Satisfactory

S1 = Satisfactory, may cause discoloration

S2 = Satisfactory below 26°C only

M = Marginal; may be satisfactory for use in a centrifuge depending on length of exposure and speed. Testing under operation conditions is suggested before actual run.

U = Unsatisfactory; not recommended

## Centrifuge Chemical Resistance Table, continued

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| Cinnamaldehyde, pure | S | U | M | U | U | M | U | U | U | U | S2 | U | – |
| Cinnamic Aldehyde, pure | S | U | M | U | U | M | U | U | U | U | S2 | U | – |
| Cinnamon Oil, pure | S | M | M | U | U | M | U | U | U | U | S2 | U | – |
| Copper Sulfate, pure | S | S | S | S | S | S | S | S2 | M | S | S | S | S |
| Cresol, pure | S | M | U | U | U | U | U | U | U | U | S2 | U | U |
| Cyanoethylene, pure | S | U | U | S | U | U | U | U | U | U | S2 | S | U |
| Cyclohexane, pure | S | M | M | M | M | M | U | U | S2 | M | S2 | M | U |
| Cyclohexanone, pure | S | U | U | M | M | U | U | U | U | M | S | M | U |
| Cyclopentane, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| Decahydronaphthalene, pure | S | U | U | M | U | U | U | U | S | U | S | M | U |
| Decalin, pure | S | U | U | M | U | U | U | U | S | U | S | M | U |
| Diacetone Alcohol, pure | S | M | U | S | M | U | M | U | U | M | S2 | S | – |
| Diacetone, pure | S | M | U | U | S2 | U | U | U | U | S2 | S2 | U | U |
| Dibutyl Phthalate, pure | S | M | M | U | M | M | U | U | M | M | M | U | U |
| Diethyl Benzene, pure | S | U | U | U | U | U | U | U | S | U | S2 | U | – |
| Diethyl Ether, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | U |
| Diethyl Ketone, pure | S | M | U | U | M | U | U | U | U | M | M | U | U |
| Diethyl Malonate, pure | S | S | U | S | S | U | U | U | U | S | S | S | – |
| Diethylamine, pure | S | M | U | U | M | M | M | U | U | M | U | U | – |
| Diethylene Dioxide, pure | S | M | U | M | M | U | U | U | U | M | M | M | U |
| Diethylene Glycol Monoethyl Ether, pure | S | S | U | S | S | M | U | U | M | S | S | S | – |
| Diethylene Glycol, pure | S | S | M | S | S | M | S2 | U | S | S | S | S | – |
| Diisopropyl Ether, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | – |
| Dimethyl Acetamide, pure | S | S | U | M | S | U | U | U | U | S | S2 | M | – |
| Dimethyl Formamide, pure | S | S | U | S | S | U | U | U | U | S | M | S | U |
| Dimethyl Ketone, pure | S | M | U | U | M | U | U | U | U | M | M | U | U |
| Dimethylsulfoxide, pure | S | S | U | S | S | U | U | U | U | S | S2 | S | S |
| Dioxane, pure | S | M | U | M | M | U | U | U | U | M | M | M | U |
| DIPE, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | – |
| Dipropylene Glycol, pure | S | S | M | S | S | M | S | U | S | S | S | S | S2 |
| DMSO, pure | S | S | U | S | S | U | M | U | U | S | S2 | S | S |
| Ether, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | U |
| Ethyl Acetate, pure | S | M | U | M | M | U | U | U | U | M | S2 | M | U |
| Ethyl Alcohol, pure | S | S | U | M | S | S2 | M | U | S | S | S | M | S |
| Ethyl Benzene, pure | S | U | U | U | U | U | U | U | S | U | M | U | U |

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U = Unsatisfactory; not recommended

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| Ethyl Benzoate, pure | S | M | U | U | M | U | U | U | U | M | S2 | U | U |
| Ethyl Butyrate, pure | S | M | U | M | M | U | U | U | U | M | S2 | M | – |
| Ethyl Chloride, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| Ethyl Cyanoacetate, pure | S | S | U | S | S | U | M | U | – | S | S | S | – |
| Ethyl Lactate, pure | S | S | U | S | S | U | U | U | U | S | S | S | – |
| Ethylene Chloride, pure | S | U | U | U | U | U | U | U | M | U | U | U | U |
| Ethylene Glycol Monomethyl Ether, pure | S | S | U | S | M | U | U | U | U | M | S2 | S | – |
| Ethylene Glycol, pure | S | S | U | S | S | M | S | S2 | S | S | S | S | S2 |
| Ethylene Oxide, pure | S | U | U | U | M | U | U | U | U | M | S2 | U | S2 |
| EtO, pure | S | S | U | S | S | U | U | U | U | S | S | S | S2 |
| Fatty Acids, Saturated, pure | S | S2 | M | S | S | M | S2 | U | S | S | S | S | S2 |
| Fatty Acids, Unsaturated, pure | S | S2 | M | S | S | M | M | U | S | S | S | S | S2 |
| Fluorides, pure | S | S | S | S | S | S | M | U | M | S | S | S | S2 |
| Formic Acid, pure | S | S2 | U | M | S | M | U | U | M | S | S | M | S |
| Freon TF, pure | S | S2 | M | S | M | M | U | U | M | M | S2 | S | – |
| Fuel Oil No. 1, pure | S | M | S2 | U | M | S2 | U | U | S | M | S | U | U |
| Gasoline, pure | S | U | U | M | U | U | U | U | S | U | S | M | U |
| Glutaraldehyde Disinfectant, pure | S | S | M | S | S | M | M | U | M | S | S2 | S | S |
| Glutaraldehyde, pure | S | S | M | S | S | M | M | U | U | S | S2 | S | S |
| Glycerine, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| Glycerol, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| Hexane, pure | S | M | U | U | M | U | U | U | S | M | S2 | U | U |
| Hydrated Alumina, pure | S | S | U | S | S | M | M | S2 | S | S | S | S | S |
| Hydrazine, pure | S | U | U | U | U | U | U | U | S | U | U | U | – |
| Iodine Crystals, pure | S1 | U | S1 | U | S1 | S1 | S1 | U | S | S1 | S2 | U | U |
| Isobutanol, pure | S | S | S2 | S | S | S2 | S2 | S2 | S | S | S | S | S |
| iso-Butyl Alcohol, pure | S | S | S2 | S | S | S2 | S2 | S2 | S | S | S | S | S |
| Isopropanol, pure | S | S | U | S | S | M | S2 | S2 | S | S | S | S | S2 |
| Isopropyl Acetate, pure | S | M | U | M | M | U | U | U | U | M | S2 | M | – |
| Isopropyl Alcohol, pure | S | S | U | S | S | M | S2 | S2 | S | S | S | S | S2 |
| Isopropyl Benzene, pure | S | U | U | U | U | U | U | U | S | U | S2 | U | – |
| Isopropyl Ether, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | – |
| Jet Fuel, pure | S | U | M | U | U | M | M | U | S | U | S2 | U | M |
| Kerosene, pure | S | M | S2 | U | M | S2 | U | U | S | M | S | U | U |
| Lacquer Thinner, pure | S | U | U | U | U | U | U | U | U | U | S | U | U |

**Key:**

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U = Unsatisfactory; not recommended

# Centrifuge Chemical Resistance Table, continued

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| L-alpha-amino Propionic Acid, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| Lead Acetate, pure | S | S | S | S | S | S | S | U | M | S | S | S | S |
| L-Tartaric Acid, pure | S | S2 | S2 | M | S | S | S | S2 | S | S | S | M | S2 |
| Magnesium Chloride, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| MEK, pure | S | S2 | U | U | M | U | U | U | U | M | M | U | U |
| Mercuric Chloride, pure | S | S | S | S | S | S | S2 | M | S | S | S | S | S |
| Methoxyethyl Oleate, pure | S | S2 | U | S | M | U | U | U | – | M | S | S | – |
| Methyl Acetate, pure | S | M | U | U | M | U | U | U | U | M | S2 | U | U |
| Methyl Alcohol, pure | S | S | M | M | S1 | S2 | U | S2 | M | S1 | S | M | S |
| Methyl Ethyl Ketone, pure | S | S2 | U | U | M | U | U | U | U | M | M | U | U |
| Methyl Isobutyl Ketone, pure | S | M | U | U | S2 | U | U | U | U | S2 | S2 | U | U |
| Methyl Propyl Ketone, pure | S | M | U | U | M | U | U | U | U | M | S2 | U | U |
| Methylene Chloride, pure | S | U | U | U | U | U | U | U | S | U | U | U | U |
| Methyloxirane, pure | S | U | U | U | M | U | U | U | U | M | S | U | S2 |
| Methyl-t-Butyl Ether, pure | S | U | U | U | U | U | U | U | M | U | S2 | U | – |
| MIBK, pure | S | M | U | U | S2 | U | U | U | U | S2 | S2 | U | U |
| Mineral Spirits, pure | S | U | U | U | U | U | M | U | S | U | S2 | U | – |
| n-Butanol, pure | S | S | M | S | S | M | S2 | U | S | S | S | S | M |
| n-Butyl Acetate, pure | S | M | U | M | U | U | U | U | U | U | S2 | M | U |
| n-Butyl Alcohol, pure | S | S | M | S | S | M | S2 | U | S | S | S | S | M |
| n-Decane, pure | S | U | U | M | M | M | U | U | S | M | S | M | – |
| n-Heptane, pure | S | U | U | U | U | M | U | U | S | U | S | U | U |
| Nitrobenzene, pure | S | U | U | U | M | U | U | U | U | M | S2 | U | U |
| Nitrohydrochloric Acid, pure | S | U | U | U | U | U | U | U | M | U | S2 | U | U |
| Nitromethane, pure | S | U | U | U | U | U | U | U | U | U | M | U | U |
| n-Octane, pure | S | S2 | M | U | U | M | U | U | S | U | S | U | U |
| Oil, Cedarwood, pure | S | U | U | U | U | U | U | U | S | U | S2 | U | – |
| Oil, Cinnamon, pure | S | M | M | U | U | M | U | U | U | U | S2 | U | – |
| Oil, Mineral, pure | S | S2 | S2 | U | U | S2 | M | S2 | S | U | S | U | S2 |
| Oil, Orange, pure | S | M | U | U | M | M | U | U | S | M | S | U | – |
| Oil, Pine, pure | S | M | U | U | M | U | U | U | S | M | S2 | U | – |
| Orange Oil, pure | S | M | U | U | M | M | U | U | S | M | S | U | – |
| Orthoarsenic Acid, pure | S | M | S | S | S | S | S | S2 | S | S | S | S | S2 |
| Ozone, pure | S | S2 | U | M | U | S | U | S2 | S2 | U | S | M | U |
| p-Chloroacetophenone, pure | S | S | M | S | M | M | U | U | U | M | S | S | – |
| p-Dichlorobenzene, pure | S | U | U | U | U | U | U | U | U | U | U | U | U |

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M = Marginal; may be satisfactory for use in a centrifuge depending on length of exposure and speed. Testing under operation conditions is suggested before actual run.
U = Unsatisfactory; not recommended

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| Pentyl acetate, pure | S | M | U | S | M | U | U | U | U | M | S | S | U |
| Perchloric Acid, pure | U | M | U | U | M | U | U | U | S | M | M | U | M |
| Perchloroethylene, pure | S | U | U | U | U | U | U | U | S | U | S2 | U | – |
| Petroleum, pure | S | M | M | U | U | S2 | U | U | S | U | S | U | S2 |
| Phenyl Methyl Ketone, pure | S | M | U | M | M | U | U | U | U | M | S | M | U |
| Phenylacrolein, pure | S | U | M | U | U | M | U | U | U | U | S2 | U | – |
| Picric Acid, pure | S | M | U | U | M | U | U | U | S | M | M | U | S2 |
| Pine Oil, pure | S | M | U | U | M | U | U | U | S | M | S2 | U | – |
| Potassium Chloride, pure | S | S | S | S | S | S | S | S2 | S | S | S | S | S |
| Potassium Permanganate, pure | S | S1 | S1 | S | S1 | S1 | S2 | S2 | S2 | S1 | S | S | S |
| Propane, pure | S | S | S | S | S | S | U | S2 | S | S | S | S | M |
| Propionic Acid, pure | S | S2 | U | M | M | M | M | – | – | M | M | M | – |
| Propylene Glycol, pure | S | S | M | S | S | M | S | S2 | S | S | S | S | S2 |
| Pyridine, pure | S | U | U | U | U | U | U | U | U | U | U | U | U |
| Salicylaldehyde, pure | S | S2 | M | S | M | M | U | U | M | M | U | S | – |
| sec-Butanol, pure | S | S | S2 | S | S | S2 | S2 | S2 | S | S | S | S | S |
| sec-Butyl Alcohol, pure | S | S | S2 | S | S | S2 | S2 | S2 | S | S | S | S | S |
| Silicone Oil, pure | S | S | S | S | S | S | S2 | U | S | S | S | S | S2 |
| Silver Acetate, pure | S | S | S2 | S | S | S | S | U | S | S | S | S | S |
| Silver Nitrate, pure | S | S1 | S | S | S1 | S | S | S2 | S | S1 | S | S | S1 |
| Skydrol LD4 Aviation Hydraulic Fluid, pure | S | M | U | M | M | U | U | U | S | M | S | M | – |
| Soda Ash, pure | S | S | M | M | S1 | S | S2 | S2 | S | S1 | S | M | S |
| Sodium Acetate, pure | S | S | S2 | S | S | S | S | U | U | S | S | S | S |
| Sodium Carbonate, pure | S | S | M | M | S1 | S | S2 | S2 | S | S1 | S | M | S |
| Sodium Dichromate, pure | S | S | S | S | S | S | M | S2 | S | S | S | S | – |
| Stearic Acid, pure | S | S | M | M | S2 | S2 | S2 | U | S | S2 | S | M | S2 |
| Sulfur Dioxide, pure | S | S | M | S | S | M | U | U | S2 | S | S | S | U |
| Sulfur Salts, pure | S | U | U | M | M | M | U | U | M | M | S2 | M | M |
| Tartaric Acid, pure | S | S2 | S2 | M | S | S | S | S2 | S | S | S | M | S2 |
| TCA, pure | S | S | U | S2 | S | U | U | U | U | S | M | S2 | S2 |
| tert-Butanol, pure | S | S | M | S | S | M | S2 | U | S | S | S | S | S |
| tert-Butyl Alcohol, pure | S | S | M | S | S | M | S2 | U | S | S | S | S | S |
| Tetrahydrofuran, pure | S | M | U | U | U | U | U | U | U | U | U | U | U |
| THF, pure | S | M | U | U | U | U | U | U | U | U | U | U | U |
| Thionyl Chloride, pure | S | U | U | U | U | U | U | – | M | U | S2 | U | – |

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# Centrifuge Chemical Resistance Table, continued

| | Centrifugeware | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Tubes | | | | | | | O-rings | | Closures | | | |
| **Chemical, Concentration** | **FEP** | **PPCO** | **PC** | **PE** | **PP** | **PSF** | **PS** | **SILI** | **Viton®** | **PP** | **Tefzel® ETFE** | **PE** | **PPE** |
| Tincture of Iodine, pure | S1 | U | S1 | S2 | S1 | S1 | M | U | S | S1 | S | S2 | S1 |
| Toluene, pure | S | U | U | U | U | U | U | U | U | U | S2 | U | U |
| Tribromomethane, pure | S | U | U | U | U | U | U | U | S | U | M | U | – |
| Tributyl Citrate, pure | S | M | U | M | M | U | U | U | U | M | S2 | M | U |
| Trichloroacetic Acid, pure | S | S | U | S2 | S | U | U | U | U | S | M | S2 | S2 |
| Trichloroethane, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| Trichloroethylene, pure | S | U | U | U | U | U | U | U | S | U | U | U | U |
| Triethylene Glycol, pure | S | – | S2 | S | S | S2 | S2 | – | S | S | S | S | – |
| Tripropylene Glycol, pure | S | S | S2 | S | S | S | S | S2 | S | S | S | S | S2 |
| Tris Buffer Solution, pH 11, pure | S | S | U | S | S | S | S2 | S2 | S | S | S | S | S2 |
| Tris Buffer Solution, pH 7.0, pure | S | S | M | S | S | S | S2 | S2 | S | S | S | S | S |
| Trisodium Phosphate, pure | S | S | M | S | S | M | S | S2 | S | S | S | S | S2 |
| Tung Oil, pure | S | – | – | S | S2 | – | U | S2 | S | S2 | S | S | – |
| Tung Oil, pure | S | – | – | S | S2 | – | U | S2 | S | S2 | S | S | – |
| Undecyl Alcohol, pure | S | S2 | M | S | M | M | M | – | S | M | S2 | S | – |
| Urea, pure | S | S | U | S | S | S | S | M | S | S | S | S | S |
| Vinyl Cyanide, pure | S | U | U | S | U | U | U | U | U | U | S2 | S | U |
| White Spirits, pure | S | U | U | U | U | U | M | U | S | U | S2 | U | – |
| Xylene, pure | S | U | U | U | U | U | U | U | S | U | S | U | U |
| Zinc Stearate, pure | S | S | S | S | S | S | S | – | S | S | S | S | S |

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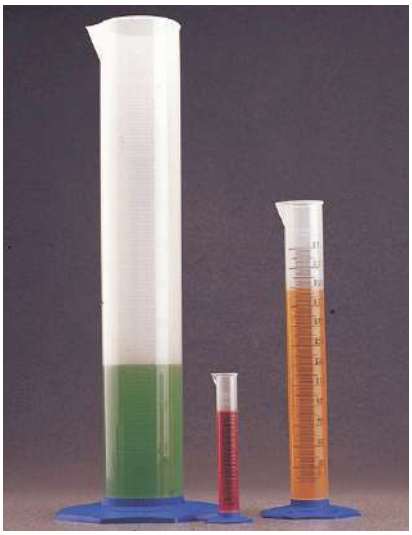
## Thermo Scientific Nalgene Centrifuge Tube Low & High Speed Selector Guide

| Nomical Volume | Cat. No. | Nom. Vol., mL | Description | Nom. Dim. Dia. x Ht., mm | Material | 4°C | 22°C | Closure Size (mm) | Closure Options Cat. No. | Rack[1] Cat. No. |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 mL | 3114-0010 | 10 | Oak Ridge tube, screw top | 16.0 x 79.0 | FEP | 50,000 | 50,000[2] | 13 | | 5970-0016 |
| 10 mL | 3118-0010 | 10 | Oak Ridge tube, screw top | 16.1 x 81.5 | PC | 50,000 | 50,000 | 13 | | 5970-0016 |
| 10 mL | 3119-0010 | 10 | Oak Ridge tube, screw top | 16.1 x 80.5 | PPCO | 50,000 | 50,000 | 13 | | 5970-0016 |
| 10 mL | 3138-0010 | 10 | Oak Ridge tube, sealing cap | 16.1 x 83.8 | PC | 50,000 | 50,000 | 13 | | 5970-0016 |
| 10 mL | 3139-0010 | 10 | Oak Ridge tube, sealing cap | 16.1 x 82.8 | PPCO | 50,000 | 50,000 | 13 | | 5970-0016 |
| 12 mL | 3110-0120 | 12 | Round tube, open top | 15.8 x 102.1 | PPCO | 50,000 | 50,000 | 16 | DS3111-0016 | 5970-0016 |
| 12 mL | 3117-0120 | 12 | Round tube, open top | 15.9 x 103.1 | PC | 50,000 | 50,000 | 16 | DS3111-0016 | 5970-0016 |
| 15 mL | 3103-0015 | 15 | Conical bottom tube, open top | 16.8 x 118.6 | PPCO | 6,000 | 6,000 | 17 | DS3111-0017 | 5970-0016 |
| 15 mL | 3105-0015 | 15 | Conical bottom tube, open top | 17.0 x 120.1 | PC | 6,000 | 6,000 | 17 | DS3111-0017 | 5970-0016 |
| 15 mL | 3110-0150 | 15 | Round tube, open top | 15.8 x 112.8 | PPCO | 50,000 | 50,000 | 16 | DS3111-0016 | 5970-0016 |
| 15 mL | 3117-0150 | 15 | Round tube, open top | 16.0 x 114.0 | PC | 50,000 | 50,000 | 16 | DS3111-0016 | 5970-0016 |
| 16 mL | 3138-0016 | 16 | Oak Ridge tube, sealing cap | 18.1 x 107.2 | PC | 50,000 | 50,000 | 15 | DS3132-0020 | 5970-0020 |
| 16 mL | 3139-0016 | 16 | Oak Ridge tube, sealing cap | 18.1 x 106.4 | PPCO | 50,000 | 50,000 | 15 | DS3132-0020 | 5970-0020 |
| 16 mL | 3110-0160 | 16 | Round tube, open top | 17.8 x 98.6 | PPCO | 50,000 | 50,000 | 18 | DS3111-0018 | 5970-0020 |
| 16 mL | 3117-0160 | 16 | Round tube, open top | 17.9 x 99.8 | PC | 50,000 | 50,000 | 18 | DS3111-0018 | 5970-0020 |
| 28 mL | 3118-0028 | 28 | Oak Ridge tube, screw top | 25.8 x 94.0 | PC | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 28 mL | 3119-0028 | 28 | Oak Ridge tube, screw top | 25.8 x 94.0 | PPCO | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 30 mL | 3114-0030 | 30 | Oak Ridge tube, screw top | 25.7 x 93.0 | FEP | 50,000 | 20,000 | 20 | DS3131-0020 | 5970-0025 |
| 30 mL | 3115-0030 | 30 | Oak Ridge tube, screw top | 25.8 x 94.0 | PSF | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 30 mL | 3118-0030 | 30 | Oak Ridge tube, screw top | 25.8 x 94.0 | PC | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 30 mL | 3119-0030 | 30 | Oak Ridge tube, screw top | 25.8 x 93.5 | PPCO | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 30 mL | 3138-0030 | 30 | Oak Ridge tube, sealing cap | 25.8 x 102.6 | PC | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 30 mL | 3139-0030 | 30 | Oak Ridge tube, sealing cap | 25.8 x 102.1 | PPCO | 50,000 | 50,000 | 20 | DS3132-0020 | 5970-0025 |
| 35 mL | 3146-0050 | 35 | Conical Oak Ridge tube, sealing cap | 28.3 x 104.4 | PC | 50,000 | 50,000 | 24 | DS3132-0024; 712150-0240 | 5970-0025 |
| 35 mL | 3148-0050 | 35 | Conical Oak Ridge tube, sealing cap | 28.3 x 103.9 | PPCO | 50,000 | 50,000 | 24 | DS3132-0024; 712150-0240 | 5970-0025 |
| 38 mL | 3110-0380 | 38 | Round tube, open top | 25.2 x 88.1 | PPCO | 50,000 | 50,000 | 25 | DS3111-0025 | 5970-0025 |
| 38 mL | 3117-0380 | 38 | Round tube, open top | 25.3 x 88.6 | PC | 50,000 | 50,000 | 25 | DS3111-0025 | 5970-0025 |
| 50 mL | 3103-0050 | 50 | Conical bottom tube, open top | 28.7 x 133.1 | PPCO | 6,000 | 6,000 | 29 | DS3111-0029 | 5970-0030 |
| 50 mL | 3105-0050 | 50 | Conical bottom tube, open top | 28.7 x 134.1 | PC | 6,000 | 6,000 | 29 | DS3111-0029 | 5970-0030 |
| 50 mL | 3114-0050 | 50 | Oak Ridge tube, screw top | 28.8 x 106.7 | FEP | 50,000 | 20,000 | 24 | DS3131-0024 | 5970-0030 |
| 50 mL | 3115-0050 | 50 | Oak Ridge tube, screw top | 29.0 x 107.2 | PSF | 50,000 | 50,000 | 24 | DS3131-0024 | 5970-0030 |
| 50 mL | 3118-0050 | 50 | Oak Ridge tube, screw top | 28.8 x 106.4 | PC | 50,000 | 50,000 | 24 | DS3131-0024 | 5970-0030 |
| 50 mL | 3119-0050 | 50 | Oak Ridge tube, screw top | 28.8 x 105.9 | PPCO | 50,000 | 50,000 | 24 | DS3131-0024; 712150-0240 | 5970-0030 |
| 50 mL | 3137-0050 | 50 | Oak Ridge tube, sealing cap | 28.8 x 114.8 | PSF | 50,000 | 50,000 | 24 | DS3132-0024 | 5930-0030 |
| 50 mL | 3138-0050 | 50 | Oak Ridge tube, sealing cap | 28.8 x 114.8 | PC | 50,000 | 50,000 | 24 | DS3132-0024 | 5930-0030 |
| 50 mL | 3139-0050 | 50 | Oak Ridge tube, sealing cap | 28.8 x 113.5 | PPCO | 50,000 | 50,000 | 24 | DS3132-0024 | 5930-0030 |
| 50 mL | 3110-0500 | 50 | Round tube, open top | 28.5 x 102.4 | PPCO | 50,000 | 50,000 | 30 | DS3111-0030 | 5930-0030 |
| 50 mL | 3117-0500 | 50 | Round tube, open top | 28.8 x 103.1 | PC | 50,000 | 50,000 | 30 | DS3111-0030 | 5930-0030 |
| 50 mL | 3110-9500 | 50 | Round tube with lip, open top | 28.4 x 102.0 | PPCO | 50,000 | 50,000 | 29 | DS3111-0029 | 5930-0030 |
| 50 mL | 3117-9500 | 50 | Round tube with lip, open top | 28.5 x 106.2 | PC | 50,000 | 50,000 | 29 | DS3111-0029 | 5930-0030 |
| 85 mL | 3118-0085 | 85 | Oak Ridge tube, screw cap | 38.2 x 105.2 | PC | 50,000 | 50,000 | 33 | | |
| 100 mL | 3110-1000 | 100 | Round tube with lip, open top | 31.5 x 163.1 | PPCO | 50,000 | 50,000 | 32 | DS3111-0032 | 5970-0030 |
| 100 mL | 3117-1000 | 100 | Round tube with lip, open top | 31.5 x 164.3 | PC | 50,000 | 50,000 | 32 | DS3111-0032 | 5930-0030 |

*[1]White racks listed; other colors also available* *[2] For use above 20,000 RCF, always pre-test tubes*

# Thermo Scientific Nalgene Graduated Cylinders

## polypropylene copolymer, blue polypropylene base



**Nalgene™ Graduated Cylinders are guaranteed to meet accuracy requirements of ASTM Class B, E1272.**

All sizes have a generous pour spout and molded-in graduations that won't rub off for years of dependable use. No meniscus allows accurate readings every time. The large base keeps cylinders stable on the benchtop preventing tipping hazards – won't break or chip like glass labware. Suitable for food and beverage use.

### details

- Guaranteed to meet requirements of ASTM Class B, E1272 for accuracy
- No meniscus to confuse readings – eliminates guesswork
- Large blue octagonal base prevents rolling and tipping
- Generous pour spout provides ease in dispensing liquids
- Molded-in graduations are silk-screened for easy reading (10 mL-1 L sizes only)
- Excellent chemical resistance for a wide variety of solutions
- Resists temperatures up to 135°C (275°F) for a variety of uses
- Autoclavable/Graduated

**Ordering Information:** Individually packaged.

**Compliance:** Meets CFR 21, Part 177.1520 and ASTM* E 1272 Class B requirements, as well as all requirements of ISO Standard 6706.

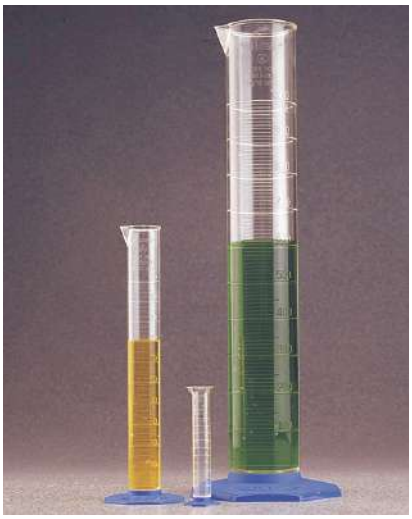
*Notes: Autoclaving will affect accuracy.*

**Nalgene Graduated Cylinders**

| Cat. No. | Capacity, mL | Graduations, mL | Limit of Error, mL | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3662-0010 | 10 | 0.2 | ±0.20 | 1 | 24 |
| 3662-0025 | 25 | 0.5 | ±0.34 | 1 | 18 |
| 3662-0050 | 50 | 1 | ±0.50 | 1 | 18 |
| 3662-0100 | 100 | 1 | ±1.00 | 1 | 12 |
| 3662-0250 | 250 | 2 | ±2.00 | 1 | 12 |
| 3662-0500 | 500 | 5 | ±4.00 | 1 | 8 |
| 3662-1000 | 1000 | 10 | ±6.00 | 1 | 6 |
| 3662-2000 | 2000 | 20 | ±12.0 | 1 | 4 |
| 3662-4000 | 4000 | 50 | ±29.0 | 1 | 2 |

# Thermo Scientific Nalgene Graduated Cylinders

## polymethylpentene, blue polypropylene base



**Nalgene™ Graduated Cylinders are guaranteed to meet accuracy requirements of ASTM Class B, E1272.**

All sizes have a generous pour spout and molded-in graduations that won't rub off for years of dependable use. No meniscus allows accurate readings every time. The large base keeps cylinders stable on the benchtop preventing tipping hazards – won't break or chip like glass labware. Suitable for food and beverage use.

### details

- Guaranteed to meet requirements of ASTM Class B, E1272 for accuracy
- No meniscus to confuse readings – eliminates guesswork
- Large blue octagonal base prevents rolling and tipping
- Generous pour spout provides ease in dispensing liquids
- Excellent chemical resistance for a wide variety of solutions
- Resists temperatures up to 145°C (293°F) for a variety of uses
- 10, 25, 50, 100, 250, 500 and 1000 mL sizes have front-to-back raised graduations
- 2000 and 4000 mL sizes have standard graduations
- Autoclavable/Transparent/Graduated

**Ordering Information:** Individually packaged.

**Compliance:** Meets CFR 21, Part 177.1520 and ASTM* E 1272 Class B accuracy requirements, as well as requirements of ISO Standard 6706

*Notes: Suitable for food and beverage use. Autoclaving will affect accuracy.*

**Nalgene Graduated Cylinders**

| Cat. No. | Capacity, mL | Graduations, mL | Limit of Error, mL | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 3663-0010 | 10 | 0.2 | ±0.20 | 1 | 24 |
| 3663-0025 | 25 | 0.5 | ±0.34 | 1 | 18 |
| 3663-0050 | 50 | 1 | ±0.50 | 1 | 18 |
| 3663-0100 | 100 | 1 | ±1.00 | 1 | 12 |
| 3663-0250 | 250 | 2 | ±2.00 | 1 | 12 |
| 3663-0500 | 500 | 5 | ±4.00 | 1 | 8 |
| 3663-1000 | 1000 | 10 | ±6.00 | 1 | 6 |
| 3663-2000 | 2000 | 20 | ±12.0 | 1 | 4 |
| 3663-4000 | 4000 | 50 | ±29.0 | 1 | 2 |

# Thermo Scientific Nalgene Graduated Cylinder

## Teflon® PFA

**Nalgene™ Graduated Cylinders have extraordinary chemical resistance to aggressive chemicals and other liquids without risk of breaking.**

This sturdy and durable cylinder tolerates a wide temperature range – from -270°C to +250°C (-454°F to 482°F) and is low in extractables. Graduations at 2 mL increments with numbered graduations every 10 mL are molded-in and won't rub off.

### details

- Extraordinary chemical resistance to aggressive chemicals and liquids – won't break or shatter
- Tolerates a wide temperature range, from -270°C to +250°C (-454°F to +482°F)
- Low in extractables – won't contaminate contents
- Graduations at 2 mL increments with numbered graduations every 10 mL are molded-in and won't rub off
- Generous pour spout provides ease in dispensing liquids
- Autoclavable/Graduated/PFA

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Graduated Cylinder**

| Cat. No. | Capacity, mL | Color | Tolerance | Withstand Temperature | No. per Case |
|---|---|---|---|---|---|
| 3666-0100 | 100 | Translucent | ±1.50 mL | -270° to 250°C (-454° to 482°F) | 1 |

# Thermo Scientific Nalgene Economy Graduated Cylinders

## polypropylene copolymer

**Nalgene™ Economy PPCO Cylinders exhibit excellent chemical resistance.**

These cylinders have a generous pour spout for easily dispensing liquids and molded-in graduations that are easy-to-read and won't rub off.

### details

- Cylinders are translucent, break-resistant and non-wetting at affordable prices
- Economical – recommended for educational labs
- No meniscus to confuse readings allow for accurate measurements
- Good temperature resistance up to 135°C (275°F)
- Large, ribbed, rounded base provides reinforcement and stability to keep from tipping
- Calibrated "To Contain" and "To Deliver" at 20°C
- Graduated

**Nalgene Economy Graduated Cylinders**

| Cat. No. | Capacity, mL | Graduations, mL | No. per Pack | No. per Case |
|---|---|---|---|---|
| 3664-0010 | 10 | 0.2 | 1 | 24 |
| 3664-0025 | 25 | 0.5 | 1 | 18 |
| 3664-0050 | 50 | 1 | 1 | 18 |
| 3664-0100 | 100 | 1 | 1 | 12 |
| 3664-0250 | 250 | 2 | 1 | 12 |
| 3664-0500 | 500 | 5 | 1 | 8 |
| 3664-1000 | 1000 | 10 | 1 | 6 |

# Thermo Scientific Nalgene Economy Graduated Cylinders

## polymethylpentene

**Nalgene™ Economy PMP Cylinders exhibit good chemical resistance, are clear and impact-resistant.**

These cylinders have a generous pour spout for easily dispensing liquids, and easy-to-read molded in graduations that won't rub off.

### details

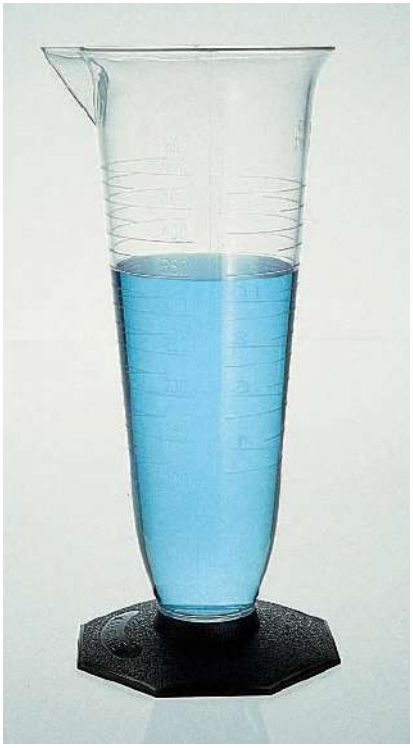
- Cylinders are transparent, break-resistant and non-wetting at affordable prices
- Economical – recommended for educational labs
- No meniscus to confuse readings allow for accurate measurements
- Large, ribbed, rounded base provides reinforcement and stability to keep from tipping
- Calibrated "To Contain" and "To Deliver" at 20°C
- Graduated/Transparent

**Nalgene Economy Graduated Cylinders**

| Cat. No. | Capacity, mL | Graduations, mL | No. per Pack | No. per Case |
|---|---|---|---|---|
| 3665-0010 | 10 | 0.2 | 1 | 24 |
| 3665-0025 | 25 | 0.5 | 1 | 18 |
| 3665-0050 | 50 | 1 | 1 | 18 |
| 3665-0100 | 100 | 1 | 1 | 12 |
| 3665-0250 | 250 | 2 | 1 | 12 |
| 3665-0500 | 500 | 5 | 1 | 8 |
| 3665-1000 | 1000 | 10 | 1 | 6 |

# Thermo Scientific Nalgene Double-Scale Pharmaceutical Graduates

## polymethylpentene



**Nalgene™ Double-Scale Pharmaceutical Graduates are transparent and shatterproof and provide excellent chemical resistance.**

Lighter in weight than glass, they protect against chipping, cracking or breaking. Graduated in ounces and milliliters with no meniscus to confuse readings. Meets the requirement of ASTM E1094.

### details

- Graduates are transparent, shatterproof and provide excellent chemical resistance for a wide variety of solutions
- Lightweight and easy to handle
- Graduated in ounces and milliliters – no meniscus to confuse readings
- Autoclavable/Graduated/Transparent

**Compliance:** Conforms to the volume and accuracy requirements of ASTM E1094.

*Notes: Autoclaving will affect accuracy.*

**Nalgene Double-Scale Pharmaceutical Graduates**

| Cat. No. | Capacity, mL (oz.) | Limit of Error, mL | No. per Pack | No. per Case |
|---|---|---|---|---|
| 3673-0004 | 125 (4) | ±1.8 | 1 | 12 |
| 3673-0008 | 250 (8) | ±3.4 | 1 | 12 |
| 3673-0016 | 500 (16) | ±4.8 | 1 | 8 |
| 3673-0032 | 1000 (32) | ±9.0 | 1 | 8 |

# Thermo Scientific Nalgene Transparent Classic Design Desiccator

## polycarbonate

**Nalgene™ Transparent Classic Design Desiccator is a safe and economical alternative to glass.**

Shatterproof and lightweight, this desiccator is easily transportable around the lab and ergonomic to handle. Its grease-free operation keeps your gloves clean and slip-free. Can be used under full vacuum and non-vacuum conditions.

### details

- Lightweight and virtually unbreakable, the wide base provides superior stability
- Similar in dimensions to glass desiccators but more cost-effective
- Includes ports on both cover and base for maximum convenience
- Holds a vacuum of 28 in. Hg (71.1 cm) for 24 hours
- Silicone o-ring ensures an airtight seal; no need to use grease that can contaminate your gloves and your lab
- Removable stopcock can be replaced if needed or removed and the port capped (cap included) if not used
- Transparent

**Recommended for:** Ideal for vacuum and nonvacuum applications. Follow vacuum application instructions included with the product for proper function at full vacuum.

**Ordering Information:** Takes standard 230 mm desiccator plate such as Nalgene Cat. No. 5312-0230 sold separately. Accepts 1/4 in. to 3/8 in. I.D. (0.6 to 1 cm) vacuum tubing, also sold separately.

**Alerts:** Do not autoclave or expose polycarbonate to organic solvents or their vapors. Will not shatter or implode at full vacuum when used according to instructions included with product.

**Nalgene Transparent Classic Design Desiccator**

| Cat. No. | H, cm (in.) | Inside Dia, cm (in.) | O.D., cm (in.) | Max Clearance Above Plate, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5311-0250 | 33 (13) | 25 (10) | 28 (11) | 20 (7-7/10) | 1 | 4 |
| **Accessories** | | | | | | |
| 715311-0010 | Replacement Stopcock Assembly for 5311-0250 | | | | 1 | 2 |
| 715311-0250 | Replacement Desiccator Cover, 250 mm | | | | 2 | 2 |

## Thermo Scientific Nalgene 230 mm Desiccator Plate

### ceramic metal

**Nalgene™ 230 mm Desiccator plate is guaranteed unbreakable.**

Desiccator plate is corrosion resistant and has greater resistance to thermal shock than porcelain.

### details

- 230 mm diameter fits the Nalgene Classic Dessicator (Cat. No. 5311-0250), as well as the 250 mm Nalgene Blue Desiccators (Cat. Nos. 5309-0250 and 5310-0250)
- With numbered quadrants for easy location of crucibles and other containers
- Has six holes in each quadrant and a 3 mm center hole to enhance airflow and drying efficiency
- Autoclavable

**Ordering Information:** Individually packaged.

**Nalgene 230 mm Desiccator Plate**

| Cat. No. | O.D., mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|
| 5312-0230 | 230 (9-1/16) | 1 | 6 |

## Thermo Scientific Nalgene Autoclavable Desiccators

### blue polypropylene body, clear polycarbonate cover

**Nalgene™ Desiccators have a robust polypropylene body and are highly resistant to all solid desiccants.**

These desiccators are much lighter than glass equivalents, making them easy to move around the lab. Desiccators have a transparent PC cover for easily viewing contents.

### details

- Clear polycarbonate cover has recessed rim to keep grease off benchtop when cover is set down
- No gasket required, only grease is needed
- Small desiccator (Cat. No. 5315-0150) comes with a 140 mm aluminum desiccator plate
- Autoclavable

**Alerts:** Do not use concentrated acids as desiccants.

*Notes: Repeated autoclaving will reduce the life of the product.*

**Nalgene Autoclavable Desiccators**

| Cat. No. | Exterior H, cm (in.) | Inside Dia., cm (in.) | O.D., cm (in) | Max Clearance Above Plate, cm (in) | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5309-0250 | 26 (10-1/4) | 25 (9-7/8) | 33 (13) | 14.3 (5-5/8) | 1 | 4 |
| 5315-0150 | 15 (5-15/16) | 15 (5-15/16) | 18 (7-1/8) | 8.7 (3-7/16) | 1 | 6 |

# Thermo Scientific Nalgene Labware Value Pack

**A convenient new lab starter pack or refresher pack for established labs.**

The Nalgene™ Labware Value Pack is a useful assortment of popular labware items used in every lab, every day; bundled in a convenient pack and available as a single catalog number. Nalgene Labware is shatterproof and it provides a safer, longer equipment life at lower replacement costs than glass. This labware value pack makes a convenient new lab starter kit or is a great refresher pack for established labs.

## details

- Convenient – order 20 great items with one catalog number
- Cost effective variety of everyday lab items at one low price
- Shatterproof – safer than glass

**Compliance:** Graduated Cylinders Meet CFR 21, Part 177.1520 and ASTM* E 1272 Class B accuracy requirements as well as ISO Standard 6706. Beakers meet ISO/DIN 7056 International Standards for Laboratory Plasticware Accuracy.

**Nalgene Labware Value Pack**

| Cat. No. | Qty | Product | Size | Material |
|---|---|---|---|---|
| 1350-0001 | 6 | Straight-Sided Jars | 500 mL | PPCO |
| | 4 | Unitary Wash Bottles | 500 mL | LDPE |
| | 2 | Graduated Cylinder | 100 mL | PPCO |
| | 1 | Graduated Cylinder | 500 mL | PPCO |
| | 1 | Graduated Cylinder | 1000 mL | PPCO |
| | 1 | Griffin Low-Form Beaker | 50 mL | PPCO |
| | 1 | Griffin Low-Form Beaker | 100 mL | PPCO |
| | 1 | Griffin Low-Form Beaker | 250 mL | PPCO |
| | 1 | Griffin Low-Form Beaker | 600 mL | PPCO |
| | 1 | Griffin Low-Form Beaker | 1000 mL | PPCO |
| | 1 | Unwire™ Half-Rack, Blue | for 30 mm tubes | RMT* |

**Resmer Manufacturing Technology*

# Thermo Scientific Nalgene Desiccator with Stopcock

## blue polypropylene body

**Nalgene™ Desiccator with Stopcock is lighter in weight than glass and protects against breakage.**

Robust polypropylene body is compatible with all solid desiccants. Transparent PC cover allows a clear view of desiccator contents. Can be used with or without a vacuum. For room temperature use only.

### details

- Full vacuum may be applied following supplied instructions for proper performance
- Polypropylene stopcock with PTFE Plug can be used with 1/4 in. (6.4 mm) I.D. tubing (tubing sold separately)
- Vacuum connection is located on the desiccator body making the cover easier to handle
- Straight bore design eliminates stopcock vacuum leakage
- No gasket is necessary; grease makes polycarbonate cover airtight even without applying a vacuum
- Recessed rim keeps grease off benchtop when cover is set down
- Desiccator takes any standard 230 mm desiccator plate such as Cat. No. 5312-0230 (sold separately)

**Includes:** Cover and stopcock.

**Requires:** 230 mm plate.

*Notes: For room temperature only, not autoclavable.*

**Nalgene Desiccator with Stopcock**

| Cat. No. | Exterior H, cm (in.) | Inside Dia, cm (in.) | O.D., cm (in.) | Max Clearance Above Plate, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5310-0250 | 26.2 (10-1/4) | 24.6 (9-7/8) | 33 (13) | 14.3 (5-5/8) | 1 | 4 |
| 715311-0250 | Replacement Desiccator Cover, 250 mm | | | | 2 | 2 |

# Thermo Scientific Nalgene Desiccator Cabinets

## acrylic, stainless steel latches and hinge, neoprene gasket

**Nalgene™ Desiccator Cabinets are clear, with gaskets to provide a tight seal.**

Ideal for storing anhydrous and hygroscopic biological and chemical compounds, as well as electronic assemblies and any components requiring controlled storage conditions.

### details

- Neoprene gasket on door ensures tight seal
- Door is secured with two (three on largest size) stainless steel latches and full-height hinge
- Removable, lipped tray holds solid desiccant in place
- Shelves are removable, adjustable and vented to maximize airflow
- Transparent

**Recommended for:** Ideal for storing anhydrous and hygroscopic biological and chemical compounds, as well as electronic assemblies and any components requiring controlled storage conditions.

**Ordering Information:** All cabinets measure 12 L x 12 in. W (30.5 x 30.5 cm) footprint.

**Nalgene Desiccator Cabinets**

| Cat. No. | H, cm (in.) | No. of Shelves | No. of Shelf Positions | No. per Case |
|---|---|---|---|---|
| 5317-0070 | 17.8 (7) | 2 | 3 | 1 |
| 5317-0120 | 30.5 (12) | 3 | 5 | 1 |
| 5317-0180 | 45.7 (18) | 4 | 7 | 1 |

## Thermo Scientific Nalgene L900 Liquid Detergent

**Nalgene™ L900 Liquid Detergent is formulated to thoroughly clean all plastic labware, especially polycarbonate.**

Environmentally-friendly formula will not cause crazing, stress cracking, or clouding of plastic when used as directed.

### details

- For hand or machine washing
- Biodegradable and non-toxic
- Will not cause crazing, stress cracking or clouding on plastic when used as directed

**Nalgene L900 Liquid Detergent**

| Cat. No. | Size, L | No. per Case |
|---|---|---|
| 900-4000 | 4 | 4 |

# Thermo Scientific Nalgene Variable-Volume Dispenser

## low-density polyethylene

**Nalgene™ Variable-Volume Dispensers are used for dispensing bases, aqueous solutions, and alcohols.**

Measuring chamber is calibrated in ounces and milliliters. Dispenser is leakproof† when push-pull stopper on end of stem is closed. Ring-tab fits snugly around bottle neck for attaching a label.

### details

- Designed to dispense bases, aqueous solutions and alcohols
- Measuring cup is adjustable on the vertical tube, used for controlling amount of fluid to be dispensed
- Ring-tab fits snugly around bottle neck for attaching a hang tag
- Fill cup by squeezing bottle to force liquid up the tube, release bottle pressure to draw excess liquid out of the top of the tube back into the bottle; desired volume remains in the cup
- Measuring chamber is graduated from 1 to 25 mL in 5 mL increments
- 500 mL reservoir bottle capacity
- Leakproof† (when push-pull stopper is closed for portability)

**Includes:** Low-density polyethylene bottle, graduated transparent polymethylpentene measuring chamber, polyethylene fill tube that connects bottle with chamber, polypropylene stem closure and push-pull stopper.

**Nalgene Variable-Volume Dispensers**

| Cat. No. | Capacity, mL (oz.) | No. per Pack | No. per Case |
|---|---|---|---|
| 3702-0025 | 500 (16) | 1 | 6 |

# Thermo Scientific Nalgene Dropper Bottles

## natural low-density polyethylene bottle, white or multi-colored polypropylene closure, low-density polyethylene control dispensing tip

**Nalgene™ Dropper Bottles with Control Dispensing Tip provide accurate, reliable, repeatable dispensing of various reagents and is an excellent alternative to pipetting devices.**

Delivers 40 µL drops (based on water; viscosity affects drop size), dispensed one drop at a time. Excellent chemical resistance. Suitable for most biotech, diagnostic and pharmaceutical applications.

### details

- Contact-clear natural low-density polyethylene bottle for viewing content
- Dropper control tip snaps into place for a secure fit
- Dispensing tip and closures included; chose white or multi-colored closures
- Leakproof†/Transparent

**Ordering Information:** Case of 25.

**Nalgene Dropper Bottles**

| Cat. No. | Capacity, mL | Closure Size, mm | Color (Bottle/Closure) | No. per Case |
|---|---|---|---|---|
| 2750-0125 | 4 | 15-415 | Clear/White | 25 |
| 2750-9025 | 8 | 15-415 | Clear/White | 25 |
| 2750-9050 | 15 | 15-415 | Clear/White | 25 |
| 2752-9125 | 4 | 15-415 | Clear/Assorted | 25 |
| 2752-9025 | 8 | 15-415 | Clear/Assorted | 25 |
| 2752-9050 | 15 | 15-415 | Clear/Assorted | 25 |

# Thermo Scientific Nalgene Dropper Bottles

## white low-density polyethylene bottle, white or multi-colored polypropylene closure, low-density polyethylene control dispensing tip

**Nalgene™ Dropper Bottles made of opaque LDPE are ideal for UV light-sensitive solutions. Provides an accurate, reliable, repeatable dispensing of various reagents and is an excellent alternative to pipetting devices.**

Delivers 40 µL drops (based on water; viscosity affects drop size), dispensed one drop at a time. Excellent chemical resistance; suitable for most biotech, diagnostic and pharmaceutical applications.

### details

- Dropper control tip snaps into place for a secure fit
- Dispensing tip and closures included, choose from white or multi-colored caps
- Leakproof†

**Nalgene Dropper Bottles**

| Cat. No. | Capacity, mL | Closure Size, mm | Color (Bottle/Closure) | No. per Case |
|---|---|---|---|---|
| 2751-9125 | 4 | 15-415 | White/White | 25 |
| 2751-9025 | 8 | 15-415 | White/White | 25 |
| 2751-9050 | 15 | 15-415 | White/White | 25 |
| 2753-9050 | 15 | 15-415 | White/Assorted | 25 |

# Thermo Scientific Nalgene Drop-Dispensing Bottles

## low-density polyethylene, polypropylene dropping closure

**Nalgene™ Drop-Dispensing Bottles allow convenient, one-handed operation.**

The tethered spout cap snaps securely into place and won't pop off or leak when the closed bottle is squeezed. Dispenses one drop at a time.

### details

- Dispenses only one drop at a time for dependable delivery
- Captive spout cap stays in place when bottle is squeezed – won't accidentally dispel liquid
- Convenient one-handed operation frees up your other hand
- Chemically compatible with most acids, bases, and alcohols.
- Leakproof†

**Nalgene Drop-Dispensing Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2411-0015 | 15 (1/2) | 20 | 12 | 72 |
| 2411-0030 | 30 (1) | 20 | 12 | 72 |
| 2411-0060 | 60 (2) | 20 | 12 | 48 |
| 2411-0125 | 125 (4) | 24 | 12 | 48 |
| 2411-0250 | 250 (8) | 24 | 6 | 36 |
| **Accessories** | | | | |
| 712411-1030 | Replacement Closure/Spout Cap, fits 15, 30 and 60 mL | | | 25 |
| 712411-1125 | Replacement Closure/Spout Cap, fits 125 and 250 mL | | | 25 |

## Thermo Scientific Nalgene Drop-Dispensing Bottle

### Teflon® FEP, Tefzel™ ETFE dropping closure and cap

**Nalgene™ Drop-Dispensing Bottles are ideal for dispensing strong acids/alkalis, reagents and solvents.**

Excellent chemical resistance for dispensing virtually any chemical. Tethered spout cap snaps securely into place and won't pop off or leak when the closed bottle is squeezed. Usable over a wide temperature range -105°C to +150°C.

### details

- Dispenses only one drop at a time for dependable delivery
- Captive spout cap stays in place when bottle is squeezed – won't accidentally dispel liquid
- Convenient one-handed operation frees up your other hand
- Transparent so you can easily view liquid levels
- Autoclavable/Leakproof†

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Drop-Dispensing Bottle**

| Cat. No. | Capacity, mL (oz) | No. per Pack | No. per Case |
|---|---|---|---|
| 2414-0030 | 30 (1) | 1 | 4 |

## Thermo Scientific Nalgene Autoclavable Dispensing Bottles

### polypropylene copolymer, blue polypropylene dropping closure and cap

**Nalgene™ Polypropylene Copolymer Dispensing Bottles can be used to dispense sterile solutions.**

Easily view liquid level. May be autoclaved full with cap off spout. Tethered spout cap snaps securely into place and won't pop off or leak when the closed bottle is squeezed.

### details

- Fine, steady stream when squeezed for dependable delivery
- Captive, blue polypropylene spout cap won't get lost
- Autoclavable/Leakproof†

*Notes: Only autoclave when full with tips uncapped.*

**Nalgene Autoclavable Dispensing Bottle**

| Cat. No. | Capacity, mL (oz.) | No. per Case |
|---|---|---|
| DS2420-0125 | 125 (4) | 6 |
| DS2420-0250 | 255 (8) | 6 |

## Thermo Scientific Nalgene Bottles with Dropper Assembly

### low-density polyethylene, neoprene bulb dispenser

**Nalgene™ Bottles with Dropper Assembly consist of a narrow mouth Nalgene bottle with a dropping pipet and neoprene bulb inserted through the closure.**

Suitable for dispensing most acids, bases and alcohols. Dispenses at a rate you control, one drop at a time or in a stream.

### details

- Contact-clear and easy to identify liquid level
- Neoprene bulb conveniently dispenses drops or a stream

**Nalgene Bottles with Dropper Assembly**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2416-0060 | 60 (2) | 20 | 12 | 48 |
| 2416-0125 | 125 (4) | 24 | 6 | 48 |

## Thermo Scientific Nalgene One-Piece Disposable Droppers

### low-density polyethylene

**Nalgene™ One-Piece Disposable Droppers features a bellows-type bulb that delivers 30 to 35 drops per mL.**

Molded in one piece, the dropper bulb provides excellent drop formation. Safe and economical with a non-wetting tapered tip and visible liquid level.

### details

- Molded in one piece, the dropper bulb provides excellent drop formation
- Safe and economical to use for repeatable performance
- Nonwetting with a tapered tip delivers 30 to 35 drops per mL
- Chemically compatible with most acids, bases and alcohols

**Nalgene One-Piece Disposable Droppers**

| Cat. No. | Approx. L, mm | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6219-0068 | 68 | 1.6 | 100 | 1000 |

# Thermo Scientific Nalgene Storm Water Sampler

## high-density polyethylene, ethylene propylene diene monomer gasket, polypropylene ball valve and closure

**Nalgene™ Storm Water Sampler collects a full liter first-flush grab sample into a 1000 mL Nalgene HDPE sample bottle within the first minutes of storm water outfall flow.**

Floating ball valve automatically closes off the sample port after bottle is full to prevent comingling with later run-off and volatile anyalyte loss. Sampling device is intended for one-time use. Ideal for collecting samples for inorganic analyses. Use with Storm Water Mounting Kit (Cat. No. 1160-1000).

### details

- Collects a full liter first flush grab sample into a 1000 mL Nalgene HDPE sample bottle within the first minutes of storm water outfall flow
- Floating ball valve automatically closes off sample port to prevent co-mingling with later run-off and volatile anyalyte loss
- Disposable sampling device is intended for one-time use
- Ideal for collecting samples for inorganic analyses
- View the storm water sampler demonstration video at www.thermoscientific.com/stormwater
- Leakproof† when polypropylene closure is applied

**Includes:** Sampler assembly, HDPE bottle and PP closure, and instructions for use.

**Compliance:** Meets EPA NPDES MSGP (Fed. Reg. FRL-6880-5 10/20/00) and most state grab sampling requirements.

**Nalgene Storm Water Sampler**

| Cat. No. | Description | Closure Size, mm | No. per Case |
|---|---|---|---|
| 1100-1000 | 1000 mL HDPE Sampler | 63 | 4 |

# Thermo Scientific Nalgene Storm Water Sampler

## amber glass bottle, ethylene propylene diene monomer gasket, fluorinated high-density polyethylene upper dome, polypropylene ball valve and TFE™-lined closure

**Nalgene™ Storm Water Sampler is specially designed for organic analysis.**

Collects a full liter first flush grab sample into a 1000 mL amber glass sample bottle within the first minutes of storm water outfall flow. Floating ball valve automatically closes off the sample port after bottle is full to prevent co-mingling with later run-off and volatile analyte loss. Ideal for collecting samples for oil and grease and other organic analyses. Use with Storm Water Mounting Kit (Cat. No. 1160-1000).

### details

- Specially designed for collecting run-off for organic analysis
- Fluorinated upper structure prevents oil and grease from sticking to the collection device, providing a clean grab and preventing low bias recovery
- Collects a full liter first flush grab sample into a 1000 mL amber glass sample bottle within the first minutes of storm water outfall flow
- Floating ball valve automatically closes off sample port to prevent comingling with later run-off and volatile anyalyte loss – TFE-lined closure provided for sample transport to the lab
- Disposable sampling device is intended for one-time use
- View the storm water sampler demonstration video at www.thermoscientific.com/stormwater

**Includes:** Fluorinated sampler assembly, amber glass bottle and TFE-lined closure.

**Compliance:** Meets EPA NPDES MSGP (Fed. Reg. FRL-6880-5 10/20/00) and most state grab sampling requirements.

**Nalgene Storm Water Sampler**

| Cat. No. | Description | Closure Size, mm | No. per Case |
|---|---|---|---|
| 1120-1000 | 1000 mL Amber Glass Sampler | 89 | 4 |

# Thermo Scientific Nalgene Storm Water Mounting Kit

## UV stabilized high-density polyethylene tube, 24 inch steel stake, stainless steel worm clamp and lanyard, nylon rivets, polyester screen, wire hanger, carabiner-style snap

**Nalgene™ Storm Water Mounting Kit collects only runoff – not the rain – when mounted in ditch or stream outfalls.**

Can be placed in storm water ditch, stream or grate outfalls. Use the wire hanger and carabiner-style snap to suspend the tube from a storm grate. For stream or ditch mounting, position the steel stake or a T-post in the outfall and secure the mounting tube using the stainless steel worm clamp. Position once, then reload with disposable samplers (Cat. Nos. 1100-1000 and 1120-1000 sold separately). Complete instructions included.

### details

- Can be used for ditch or stream mounting or for grate outfalls
- Simply reload with disposable samplers for next collection
- Collects only run off, not the rain, when mounted in a ditch or steam outfall
- Go to www.thermoscientific.com/stormwater to view the demonstration video

**Compliance:** Meets EPA NPDES MSGP (Fed. Reg. FRL-6880-5 10/20/00) and most state grab sampling requirements.

**Kit includes:** UV stabilized high-density polyethylene tube assembly, 24 in. steel sake, stainless steel worm clamp, wire hanger, carabiner-style snap, and complete mounting instructions.

*Notes: Complete installation instructions included.*

**Nalgene Storm Water Mounting Kit**

| Cat. No. | Description | Case of |
|---|---|---|
| 1160-1000 | Mounting Kit | 1 |

## Thermo Scientific Nalgene Imhoff Settling Cone
### polycarbonate

**Nalgene™ Imhoff Settling Cone is constructed from durable polycarbonate and features a polypropylene screw closure.**

Settling cone is designed for determining settleable matter in water and waste effluent or sand content in well water. The leakproof† closure makes it possible to withdraw sediment for gravimentric anaylsis, and also aids in cleaning.

### details

- Designed for determining settleable matter in water and waste effluent or sand content in well water
- Closure design enables user to read graduations to zero
- Graduated from 0 to 1000 mL, with 0.1 mL increments in the 0-1 mL range
- 13 mm leakproof† screw closure at bottom for withdrawing sediments
- Autoclavable/Transparent/Graduated/Leakproof†
- Use with Imhoff Cone Rack (Cat. No. 1001-0010) sold separately

| Settling Cone Graduation Intervals | |
|---|---|
| 0-1 mL | 0.1 mL |
| 1-10 mL | 0.5 mL |
| 10-20 mL | 1 mL |
| 20-40 mL | 2 mL |
| 40-100 mL | 10 mL |
| 100-500 mL | 50 mL |
| 500-1000 mL | 100 mL |

**Nalgene Imhoff Settling Cone**

| Cat. No. | Description | No. per Pack | No. per Case |
|---|---|---|---|
| 1000-0010 | Settling Cone | 1 | 4 |

## Thermo Scientific Nalgene Imhoff Cone Rack
### acrylic

**Nalgene™ Imhoff Cone Rack is durable and transparent.**

Wide base provides stability on the lab bench.

### details

- Durable and transparent – easily view supported cones or funnels
- Securely holds three Imhoff cones – wide base provides stability on the lab bench
- Can also be used to hold 500 and 1000 mL Nalgene separatory funnels (Cat. Nos. 4300 and 4301) or glass separatory funnels
- Transparent

**Nalgene Imhoff Cone Rack**

| Cat. No. | Description | L x W x H, cm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 1001-0010 | Cone Rack | 19.6 x 41 x 37 | 1 | 4 |

# Thermo Scientific Nalgene Settleometer Kit

**Nalgene™ Settlometer Kit is ideal for analyzing the activated sludge process.**

An all-plastic tool for waste-water treatment plant operators – a cost-effective alternative when compared to glass equivalents. Settlometer and centrifuge tests are used in analyzing the activated sludge process.

All kit components are chemical resistant to "normal" sludge samples (pH range 3 to 10)

## details

- 2 L jar is lightweight, transparent, and impact-resistant with easy-to-read white graduations
- Paddle permits agitation of sample without scratching jar
- Centrifuge tubes feature molded-in graduations and friction-fit closures
- For tabletop centrifuges; shatterproof tubes will withstand forces up to 6000 ×g without cushions or adapters, eliminating risk of broken glass

**Recommended for:** Ideal for waste water treatment plant operators.

**Ordering Information:** Approximate jar dimensions, O.D. × H: 5-3/16 × 7-1/2 in. (13.2 × 19.1 cm). Tube dimensions, O.D. × H: 11/16 × 4-11/16 in. (1.7 × 11.9 cm).

**Includes:** Polycarbonate jar and cover, polypropylene paddle, ten 1/2 oz. (15 mL) polycarbonate conical centrifuge tubes with friction-fit polypropylene closures, an instruction booklet and data sheet.

**Compliance:** Kit has been evaluated by the National Training and Operational Technology Center (NTOTC) of the U.S. EPA and has been determined to yield results equivalent to the equipment NTOTC has used in the past.

**Nalgene Settleometer Kit**

| Cat. No. | Description | Approx. Jar O.D., mm | Tube Dim, O.D. x H, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 1010-0507 | Plastic Settlometer Kit | 191 x 133 | 17 x 119 | 1 | 4 |
| 711010-9507 | Replacement Jar and Cover for Settelometer Kit | 191 x 133 | – | 1 | 1 |

Nalgene environmental sample bottles are now called **Nalgene Economy Bottles** and are found in the bottles section with the full line of Nalgene laboratory bottles.

# Thermo Scientific Nalgene Baffled Culture Flasks

## polycarbonate

**Nalgene™ Baffled Culture Flasks provide an alternative to glass flasks and product equivalent growth curves with *E. coli* and *S. cerevisiae*.**

Baffled bottom increase mixing efficiency aeration and gas exchange.

### details

- Polycarbonate is break-resistant and clear – easy to read graduations help identify your liquid level with ease
- Bottom baffles provide increased mixing, aeration, and gas exchange
- Excellent for a variety of lab procedures including fermentation, cell culture growth and harvesting
- 500 and 1000 mL sizes accept either standard 38 mm stainless steel or plastic closures for added convenience
- Autoclavable

*Notes: Repeated autoclaving may result in some loss of mechanical strength.*

**Nalgene Baffled Culture Flasks**

| Cat. No. | Capacity, mL | No. per Pack | No. per Case |
|---|---|---|---|
| 4110-0250 | 250 | 4 | 12 |
| 4110-0500 | 500 | 4 | 12 |
| 4110-1000 | 1000 | 2 | 6 |
| 4110-2000 | 2000 | 2 | 4 |

## Thermo Scientific Nalgene Erlenmeyer Flasks
### polypropylene copolymer

**Nalgene™ Erlenmeyer Flasks are a shatter-proof alternative to glass.**

Autoclavable polypropylene copolymer flasks provide excellent chemical compatibility with most lab reagents and solutions. Excellent for academic labs and general laboratory use. Liquid level is easy to read.

### details

- Translucent wall makes liquid level easily visible
- 2000 mL size has molded-in graduations
- Mouth sized to accept standard sized stoppers
- Designed for a long life and rigorous use, even with repeated autoclaving
- Autoclavable

**Nalgene Erlenmeyer Flasks**

| Cat. No. | Capacity, mL | Accepts Stopper No. | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4102-0125 | 125 | 3 | 12 | 24 |
| 4102-0250 | 250 | 6 | 6 | 12 |
| 4102-0500 | 500 | 7 | 4 | 12 |
| 4102-1000 | 1000 | 8 | 2 | 6 |
| 4102-2000 | 2000 | 10 | 2 | 6 |

## Thermo Scientific Nalgene Erlenmeyer Flasks
### polycarbonate

**Nalgene™ Erlenmeyer Flasks are used for preparation and storage of culture media and many culturing techniques.**

Transparent wall provides a clear view of flask contents. Safer than glass flasks – especially when used with shakers.

### details

- Molded-in graduations make liquid level estimations easy
- 500 mL size is superior combustion flask for microdetermination of fluorine
- Mouth sized to accept standard sized stoppers
- Autoclavable/Transparent/Graduated

**Nalgene Erlenmeyer Flasks**

| Cat. No. | Capacity, mL | Accepts Stopper No. | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4103-0125 | 125 | 5 | 12 | 24 |
| 4103-0250 | 250 | 6 | 6 | 12 |
| 4103-0500 | 500 | 7 | 4 | 12 |

## Thermo Scientific Nalgene Erlenmeyer Flasks with Screw Closure

### polycarbonate, polypropylene screw closure

**Nalgene™ PC Erlenmeyer Flasks are used for preparation and storage of culture media and many culturing techniques.**

Safer than glass flasks for use in shakers. Linerless closure protects contents from spills and contamination.

### details

- Molded-in graduations make liquid levels easy to estimate
- Shatter-proof polycarbonate is safer than glass
- Noncontaminating, tight-sealing, linerless polypropylene screw closures protect contents from spills and contamination
- Autoclavable/Transparent/Graduated

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Erlenmeyer Flasks with Screw Closure**

| Cat. No. | Capacity, mL | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4108-0125 | 125 | 33 | 6 | 24 |
| 4108-0250 | 250 | 38 | 4 | 12 |
| 4108-0500 | 500 | 43 | 4 | 12 |

## Thermo Scientific Nalgene Erlenmeyer Flasks with Screw Closures

### polymenthylpentene, polypropylene screw closure

**Nalgene™ PMP Flasks with PP Screw Closures are useful for titrations, preparation and storage of culture media.**

An excellent combination of transparency, chemical resistance, impact strength and autoclavability.

### details

- Excellent chemical resistance to a wide variety of lab reagents
- More transparent than polypropylene but with similar chemical resistance
- Ideal for preparation and storage of culture media and titrations
- All sizes have easy-to-read graduations
- Autoclavable/Graduated

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Erlenmeyer Flasks with Screw Closures**

| Cat. No. | Capacity, mL | Closure Size | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4109-0125 | 125 | 33 | 6 | 24 |
| 4109-0250 | 250 | 38 | 4 | 12 |
| 4109-0500 | 500 | 43 | 4 | 12 |
| 4109-1000 | 1000 | 53 | 2 | 6 |

# Thermo Scientific Nalgene Erlenmeyer Flasks with Screw Closures

## Teflon® FEP, with Tefzel™ ETFE screw closure

**Nalgene™ Teflon® FEP Erlenmeyer Flasks with closures are useful with all organic solvents and concentrated oxidizing agents.**

Combine the excellent chemical resistance of Teflon® FEP with the convenience of a screw closure. These flasks are unbreakable, nearly transparent, autoclavable, non-contaminating and resist virtually all chemicals.

### details

- Excellent chemical resistance makes these flasks suitable for exposure to nearly any lab chemical
- Nearly transparent for good view of contents
- For trace metal work, can be boiled in concentrated nitric acid
- Flask withstands temperatures from -270°to +205°C (-454° to +401°F); closure from -100° to +150°C (-148° to +302°F) for a wide range of demanding applications
- Screw closure prevents spills and contamination
- Autoclavable/Teflon® FEP

**Includes:** ETFE screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Erlenmeyer Flasks with Screw Closures**

| Cat. No. | Capacity, mL | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4106-0125 | 125 | 33 | 1 | 4 |
| 4106-0250 | 250 | 38 | 1 | 4 |

# Thermo Scientific Nalgene Vacuum Flask

## polypropylene

**Nalgene™ Vacuum Flasks with angled tubulation are able to withstand vacuum to 30 in. Hg.**

One-piece for full vacuum service with angled tubulation to prevent tipping. This shatter-proof and light-weight, autoclavable polypropylene flask is an excellent replacement for glass flasks.

### details

- Molded in one piece to withstand full vacuum and for durability
- Tubulation at 45° angle prevents tipping when hose is attached
- Barbed adapter accepts 1/4 to 3/8 in. I.D. tubing (tubing sold separately)
- Oval marking area for ease of labeling
- Neck sized to fit standard stopper sizes (stopper not included)
- 1700 mL size is graduated
- Autoclavable

**Nalgene Vacuum Flask**

| Cat. No. | Capacity, mL | Accepts Stopper No. | Fits Tubing I.D. (in.) | No. per Case |
|---|---|---|---|---|
| DS4101-0500 | 500 | 7 | 1/4 – 3/8 | 1 |
| DS4101-1000 | 1000 | 8 | 1/4 – 3/8 | 1 |
| DS4101-2000 | 1700 | 10 | 3/8 | 1 |

# Thermo Scientific Nalgene Scissor-Type Forceps

## polypropylene

**Nalgene™ Scissor-Type Forceps are chemically compatible with most lab reagents, and won't corrode from acid exposure.**

Double-action hinges provide extra leverage and long life. Jaws have interlocking teeth to grip objects tightly. Scissor-type handle has a ratchet to lock tips shut.

### details

- Scissor-type forceps are chemically compatible with most lab reagents – won't corrode from acid exposure
- Double-action hinges provide extra leverage and long life
- Jaws have interlocking teeth to grip objects tightly
- Scissor-type handles have a ratchet to lock tips shut and serve as a handy clamp for chromatography columns
- Autoclavable

**Nalgene Scissor-Type Forceps**

| Cat. No. | Description | Tip Style | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6320-0010 | Polypropylene Scissor-Type Forceps | Straight, Serrated | 12 | 72 |

# Thermo Scientific Nalgene Class B Volumetric Flasks with Screw Caps

## polypropylene copolymer, polypropylene screw closure

**Nalgene™ Class B Volumentric Flasks with Screw Caps are calibrated "To Contain" and "To Deliver" at 20°C (68°F).**

Lighter in weight than glass, these break-resistant flasks protect against leakage and contamination. Excellent chemical resistance.

### details

- Break-resistant for years of dependable use in your lab
- Individually hand calibrated, permanent color graduation line; provide precision and accuracy for the life of the product
- No meniscus to confuse readings
- 200 mL size has additional line at 203 mL level for BOD and DO determinations
- Demonstrates excellent chemical resistance
- Autoclavable/Leakproof†/Graduated

**Compliance:** Meets ASTM™ E 288 and ISO 384 Class B tolerances for consistent quality and dependability.

*Notes: Autoclavable but accuracy will be affected. Completely disengage threads or remove cap before autoclaving.*

**Nalgene Class B Volumetric Flasks with Screw Caps**

| Cat. No. | Capacity, mL | Closure Size, mm | Limit of Error, mL | Height with Closure, cm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 4000-0050 | 50 | 13 | ±0.10 | 14.6 | 1 | 12 |
| 4000-0100 | 100 | 20 | ±0.16 | 18.4 | 1 | 12 |
| 4000-0200 | 200 | 20 | ±0.20 | 20.9 | 1 | 12 |
| 4000-0250 | 250 | 20 | ±0.24 | 22.2 | 1 | 12 |
| 4000-0500 | 500 | 24 | ±0.40 | 27.9 | 1 | 8 |
| 4000-1000 | 1000 | 28 | ±0.60 | 31.7 | 1 | 6 |

# Thermo Scientific Nalgene Class B Volumetric Flasks with Screw Caps

## polymethylpentene, polypropylene screw closure

**Nalgene™Class B Volumetric Flasks with Screw Caps are calibrated "To Contain" and "To Deliver" at 20°C.**

Lighter in weight than glass and more transparent than polypropylene, these PMP flasks protect against leakage, breakage and contamination. Excellent chemical resistance.

### details

- Break resistance and excellent chemical resistance for years of dependable use in the lab
- Individually hand calibrated, permanent color graduation line; provide precision and accuracy for the life of the productNo meniscus to confuse readings
- Autoclavable/Leakproof/Graduated

**Compliance:** Meets ASTM* E288 and ISO 384 Class B tolerances for consistent quality and dependability.

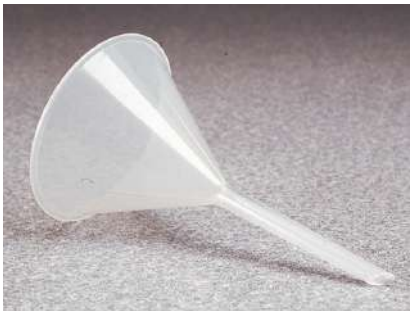
*Notes: Autoclavable, but accuracy will be affected. Completely disengage threads or remove cap before autoclaving.*

**Nalgene Class B Volumetric Flasks with Screw Caps**

| Cat. No. | Capacity, mL | Closure Size, mm | Limit of Error, mL | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 4001-0050 | 50 | 13 | ±0.10 | 14.6 | 1 | 12 |
| 4001-0100 | 100 | 20 | ±0.16 | 18.4 | 1 | 12 |
| 4001-0250 | 250 | 20 | ±0.24 | 22.2 | 1 | 12 |
| 4001-0500 | 500 | 24 | ±0.40 | 27.9 | 1 | 8 |
| 4001-1000 | 1000 | 28 | ±0.60 | 31.7 | 1 | 6 |

## Thermo Scientific Nalgene Analytical Funnels

### polypropylene copolymer



**Nalgene™ Analytical Funnels with long stems and external ridges are for use with standard filter papers.**

Outside ribbing eliminates air lock. Chemical-resistant to a wide variety of lab chemicals and reagents. A shatter-proof alternative to glass.

### details

- Body of funnel is at a 60° angle with internal ribs sloped at 58° for rapid filtration
- Outside ribbing eliminates air lock
- Shatterproof – these funnels will provide years of dependable use in your lab
- Designed for use with standard filter papers
- Autoclavable

**Nalgene Analytical Funnels**

| Cat. No. | Top Dia., mm | Stem L, mm | Stem O.D., mm | Capacity, mL | Fits Paper of Dia., mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 4250-0035 | 34 | 52 | 6 | 10 | 55 | 12 | 36 |
| 4250-0045 | 48 | 50 | 7 | 23 | 70 | 12 | 36 |
| 4250-0055 | 55 | 61 | 7 | 41 | 90 | 12 | 36 |
| 4250-0065 | 66 | 65 | 7 | 65 | 110 | 12 | 36 |
| 4250-0075 | 77 | 80 | 7 | 114 | 125 | 6 | 36 |
| 4250-0100 | 104 | 99 | 9 | 254 | 185 | 4 | 24 |
| 4250-0160 | 158 | 151 | 14 | 976 | 240 | 2 | 12 |

## Thermo Scientific Nalgene Powder Funnels

### polypropylene copolymer

**Nalgene™ Powder Funnels are used for transferring powders.**

Parallel stem minimizes bridging of powder; external ribbing prevents air locks. Resistant to a wide range of lab chemicals and reagents. A shatter-proof alternative to glass.

### details

- Polypropylene is break-resistant and chemically compatible with a wide variety of lab reagents
- Suitable for general lab use, it is a durable replacement for glass funnels
- Autoclavable

**Nalgene Powder Funnels**

| Cat. No. | Funnel Top I.D., mm | Capacity, mL | Overall H, mm | Stem Dia., mm | Stem L, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 4252-0065 | 65 | 68 | 67 | 16 | 22 | 12 | 36 |
| 4252-0080 | 79 | 115 | 85 | 16 | 29 | 12 | 36 |
| 4252-0100 | 104 | 243 | 106 | 21 | 33 | 6 | 24 |
| 4252-0150 | 147 | 716 | 136 | 27 | 30 | 4 | 24 |

## Thermo Scientific Nalgene Utility Funnels

### polypropylene or high-density polyethylene

**Nalgene™ Utility Funnels are suitable for numerous lab applications and are a shatter-proof alternative to glass funnels in the lab.**

details

- Cat. Nos. 4256-0234 and 4256-0414 are made from shatter-proof, autoclavable polypropylene
- Cat. No. 4256-0638 has a large throat opening for faster transfer of materials and is made from shatter-proof high-density polyethylene (not autoclavable)
- Suitable for a wide variety of lab applications

Nalgene Utility Funnels

| Cat. No. | Funnel Top I.D., mm | Capacity, mL | Overall H, mm | Stem Dia., mm | Stem L, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| **Polypropylene (Autoclavable)** | | | | | | | |
| 4256-0234 | 65 | 62 | 65 | 10 | 21 | 12 | 288 |
| 4256-0414 | 103 | 270 | 117 | 11 | 34 | 12 | 144 |
| **High-density polyethylene (Not Autoclavable)** | | | | | | | |
| 4256-0638 | 155 | 1059 | 176 | 26 | 67 | 12 | 72 |

## Thermo Scientific Nalgene Large Funnels

### high-density polyethylene

**Nalgene™ Large Funnels have external and internal ribbing for air release.**

Shatterproof funnel is a safer alternative to glass.

details

- HDPE is shatter-proof, making it a reliable long-term tool for the lab
- Has internal and external ribbing for fast flow

Nalgene Large Funnels

| Cat. No. | Top Dia., mm | Capacity, L | Overall H, mm | Stem L, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 4262-0080 | 201 | 1.90 | 245 | 89 | 1 | 6 |
| 4262-0110 | 258 | 4.06 | 300 | 92 | 1 | 6 |

## Thermo Scientific Nalgene Heavy-duty Funnels

### low-density polyethylene

**Nalgene™ LDPE Funnels are the toughest large funnels available. Made of low-density polyethylene, they are lightweight and won't break or corrode like glass or metal funnels.**

Designed for years of rugged use in the lab.

#### details

- Durable large funnels are designed for heavy-duty use
- Lighter weight than glass or metal funnels and they won't break or corrode, providing you with long-term use
- Rigid construction, ideal for vacuum filtration; features ribs and a tab

**Nalgene Heavy-duty Funnels**

| Cat. No. | Top Dia., mm | Capacity, mL (oz.) | Overall H, mm (in.) | Stem O.D., mm | Stem L, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 4260-0040 | 101 | 254 | 146 | 12 | 72 | 2 | 12 |
| 4260-0060 | 152 | 777 | 196 | 15 | 76 | 1 | 12 |
| 4260-0100 | 248 | 3684 | 319 | 23 | 117 | 1 | 2 |

## Thermo Scientific Nalgene Büchner Two-Piece Funnels

### polypropylene

**Nalgene™ Büchner Funnels are constructed in two pieces and are lightweight and durable.**

Bottom and top can be separated for easy cleaning – won't chip, crack, or break.

#### details

- Sturdy funnels consist of cup and funnel with perforated plate for easy cleaning and good chemical resistance
- All sizes are made entirely of polypropylene and are autoclavable to 135°C (275°F)
- Lightweight and durable – won't break or shatter like glass
- Autoclavable

**Nalgene Buchner Two-Piece Funnels**

| Cat. No. | Inside Dia. (Top), mm | Capacity, mL | Fits Paper Size, mm | Stem L, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 4280-0550 | 59 | 83 | 55 | 45 | 1 | 8 |
| 4280-0700 | 76 | 186 | 70 | 65 | 1 | 6 |
| 4280-0900 | 93 | 358 | 90 | 71 | 1 | 4 |
| 4280-1100 | 130 | 919 | 110 | 93 | 1 | 4 |
| 4280-1500 | 172 | 2910 | 150 | 107 | 1 | 4 |

# Thermo Scientific Nalgene Separatory Funnels

## polypropylene copolymer, Teflon® TFE stopcock and housing, polypropylene screw closure

**Nalgene™ PPCO Separatory funnel and PP screw closure are chemically resistant, translucent and autoclavable.**

Polypropylene copolymer body and Teflon® TFE stopcock assembly has excellent chemical resistance, is leakproof† and does not require lubrication.

### details

- Separation lines between immiscible liquids easily observed
- Phase interface is observable down to the stopcock
- TFE stopcocks need no lubrication; saves time and no messy grease
- Funnel is chemically compatible with a wide range of lab reagents
- Funnels are susceptible to softening and swelling from extended exposure to aggressive solvents though the effect is reversible
- Autoclavable/Leakproof†

**Ordering Information:** Stem lengths, 65 mm.

*Notes: Autoclavable except for stopcock assembly, which is easily removed and chemically sterilized.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Separatory Funnels**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4300-0125 | 125 (4) | 28 | 1 | 6 |
| 4300-0250 | 250 (8) | 33 | 1 | 4 |
| 4300-0500 | 500 (16) | 43 | 1 | 4 |
| 4300-1000 | 1000 (32) | 53 | 1 | 4 |
| **Accessories** | | | | |
| 714301-1025 | Replacement Stopcock Assembly for 125 mL-1 L Separatory Funnel | | 1 | 1 |

# Thermo Scientific Nalgene Separatory Funnels

## Teflon® FEP, Tefzel* ETFE closure, Teflon® TFE screw closure

**Nalgene™ FEP Separatory funnel and ETFE screw closure are chemically inert, nearly transparent and autoclavable.**

More transparent than our polypropylene separatory funnels. This funnel is compatible with all common lab reagents and solvents. Won't chip, crack or shatter like glass separatory funnels. Teflon® FEP stopcock assembly has excellent chemical resistance, is leakproof† and does not require lubrication – can be chemically disinfected.

### details

- So transparent that phase interface is visible down to the stopcock and nonwetting surface – enhances complete drainage
- Break-resistant and impervious to any chemical used in a separatory funnel
- No phthalates to contaminate analyses
- Useful in hazardous separations
- Autoclavable/Leakproof†

**Ordering Information:** Stem lengths, 65 mm.

*Notes: Autoclavable except stopcock assembly, which is easily removed and chemically sterilized.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Separatory Funnels**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 4301-0125 | 125 (4) | 28 | 1 | 4 |
| 4301-0250 | 250 (8) | 33 | 1 | 4 |
| 4301-0500 | 500 (16) | 43 | 1 | 4 |
| 4301-1000 | 1000 (32) | 53 | 1 | 4 |
| 4301-2000 | 2000 (64) | 53 | 1 | 2 |
| **Accessories** | | | | |
| 714301-1025 | Replacement Stopcock Assembly for 125 mL-1 L Separatory Funnel | | 1 | 1 |
| 714301-1050 | Replacement Stopcock Assembly for 2 L Separatory Funnel | | 1 | 1 |

# Thermo Scientific Nalgene Mason Jars

## polypropylene copolymer, white polypropylene screw closures

**Nalgene™ Mason Jars are ideal for fluid transfer in the lab or field when used with fluid-transfer closure (Cat. No. DS2153-0700).**

The 70 mm neck on these bottles fits various blenders, fixtures and closures with Mason jar threads.

### details

- 70 mm neck designed to fit fixtures or closures with Mason Jar threads or with Osterizer™ or other blenders with the same threads
- Wide mouth is easy to fill or sample
- Autoclavable

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving.*

**Nalgene Mason Jars**

| Cat. No. | Capacity, mL | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2115-0500 | 500 | 70 | 61 | 75 | 175 | 6 | 24 |
| 2115-1000 | 1000 | 70 | 61 | 94 | 213 | 6 | 24 |
| 2115-2000 | 2000 | 70 | 61 | 120 | 244 | 4 | 12 |
| 2115-3000 | 3000 | 70 | 61 | 155 | 246 | 1 | 6 |
| **Accessories** | | | | | | | |
| 712154-0700 | Replacement Mason Jar Closure, PP, 70 mm | | | | | | 12 |

# Thermo Scientific Nalgene Fluid-Transfer Closure

## white polypropylene

**Nalgene™ Fluid-Transfer Closure has a 70 mm closure that works with Nalgene Mason Jars (Cat. No. 2115) for fluid transfer in the lab or field.**

Can also be used with 125 and 500 mL Nalgene Straight-sided jars (Cat. Nos. 2116, 2117, 2118, 2119), sold separately. Use for siphoning, evacuation, bleeding of fluid lines, collecting samples or transferring reagents. Two vent ports are molded into the top of the closure, allowing for external connection to a vacuum or pressure pump with 1/4 in. I.D. flexible tubing (tubing sold separately).

### details

- 70 mm closure fits on Nalgene Mason Jars or 125 and 250 mL straight-sided jars for a perfect fit
- Use for a wide variety of fluid transfers such as siphoning, evacuation, bleeding of fluid lines, collecting samples or transferring reagents
- External port tubes are molded into closure for longer life, (no connection for internal drop tubes)
- Port tubes accept 1/4 in. flexible tubing, sold separately
- Vacuum limit: 5 in. (127 mm) Hg; Pressure limit: 2 psig (0.137 bar)
- Autoclavable

**Nalgene Fluid-Transfer Closure**

| Cat. No. | Neck Finish, mm | No. per Case |
|---|---|---|
| DS2153-0700 | 70 | 6 |

# Thermo Scientific Nalgene Straight-Sided Wide-Mouth Jars

## polycarbonate, polypropylene screw closure

**Nalgene™ Straight-sided Wide-Mouth Jars are window-clear.**

A wide temperature range (-135°C to +135°C) makes these jars an excellent choice for cold room and refrigerator. These high impact-resistant jars are extremely versatile for collecting and storing a wide variety of specimens and lab supplies. Not liquid leakproof.

### details

- Excellent for cold room and refrigerated use – easy to see contents
- Wide-mouth and straight sides provide full-access and complete sample retrieval
- High impact-resistant jars are extremely versatile for collecting and storing pastes, solids, specimens and lab supplies
- 15, 30 and 60 mL jars have natural polypropylene closures
- 125 mL to 1 L jars have white polypropylene closures with recessed tops for stacking
- 125 and 250 mL sizes fit Osterizer™ and other blenders that have Mason Jar threads; recommended for use with Fluid Transfer Closure Cat. No. DS2153-0700
- Autoclavable/Transparent

**Includes:** Polypropylene screw closures.

*Notes: Completely disengage threads or remove cap before autoclaving. Not liquid leakproof; not recommended for liquid transport.*

**Nalgene Straight-Sided Wide-Mouth Jars**

| Cat. No. | Capacity, mL | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2116-0015 | 15 | 38 | 29 | 31 | 46 | 4 | 48 |
| 2116-0030 | 30 | 43 | 33 | 36 | 48 | 4 | 48 |
| 2116-0060 | 60 | 53 | 43 | 48 | 45 | 4 | 48 |
| 2116-0125 | 125 | 70 | 64 | 64 | 74 | 4 | 24 |
| 2116-0250 | 250 | 70 | 64 | 75 | 119 | 4 | 24 |
| 2116-0500 | 500 | 120 | 112 | 112 | 88 | 4 | 16 |
| 2116-1000 | 1000 | 120 | 112 | 112 | 151 | 4 | 16 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers**
or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

# Thermo Scientific Nalgene Straight-Sided Wide-Mouth Jars

## polymethylpentene, polypropylene screw closure

**Nalgene™ PMP Straight-sided Wide-Mouth Jars offer good clarity with excellent chemical resistance.**

Excellent museum jars – only 2% loss of formaldehyde per year. Lighter in weight than glass, these jars protect against breakage and contamination. Not liquid leakproof.

### details

- Good clarity with excellent chemical resistance make these jars versatile in your lab
- Excellent museum jars, with only 2% loss of formaldehyde per year
- Wide mouth and straight sides provide full-access and complete sample retrieval
- 125 and 250 mL sizes fit Osterizer* and other blenders that have Mason Jar threads
- 60 mL jars have natural polypropylene closures
- 125 mL to 1 L jars have white polypropylene closures with recessed tops for stacking.
- Autoclavable/Transparent

**Includes:** Polypropylene screw closures.

**Compliance:** Meets requirements of CFR21, Part 177.1520 for food and beverage use.

*Notes: Completely disengage threads or remove cap before autoclaving. Not liquid leakproof; not recommended for liquid transport.*

**Nalgene Straight-Sided Wide-Mouth Jars**

| Cat. No. | Capacity, mL | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2117-0060 | 60 | 53 | 43 | 48 | 45 | 4 | 48 |
| 2117-0125 | 125 | 70 | 64 | 64 | 74 | 4 | 24 |
| 2117-0250 | 250 | 70 | 64 | 75 | 119 | 4 | 24 |
| 2117-0500 | 500 | 120 | 112 | 112 | 88 | 4 | 16 |
| 2117-1000 | 1000 | 120 | 112 | 112 | 151 | 4 | 16 |

# Thermo Scientific Nalgene Straight-Sided Wide-Mouth Jars

## polypropylene copolymer, white polypropylene screw closure

**Nalgene™ Translucent PP Wide-Mouth Jars have excellent chemical resistance and can be autoclaved repeatedly.**

Recommended for storing pastes, solids, specimens and lab supplies. Not liquid leakproof.

### details

- Translucent with excellent chemical resistance and repeated autoclavability – these jars are versatile in your lab
- Wide-mouth and straight sides provide full-access and complete sample retrieval
- 15, 30 and 60 mL jars have natural polypropylene closures
- 125 mL to 1 L jars have white polypropylene closures with recessed tops for stacking
- 125 and 250 mL sizes fit Osterizer™ and other blenders that have Mason Jar threads; recommended for use with Fluid Transfer Closure Cat. No. DS2153-0700
- Autoclavable

**Includes:** Polypropylene screw closures.

*Note: Not liquid leakproof; not recommended for liquid transport. Completely disengage threads or remove cap before autoclaving. For 500 mL and 1 L sizes, remove closure and autoclave separately.*

**Nalgene Straight-Sided Wide-Mouth Jars**

| Cat. No. | Capacity, mL | Closure Size, mm | Neck I.D., mm | O.D., mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|
| 2118-9050 | 15 | 38 | 29 | 31 | 46 | 12 | 72 |
| 2118-0001 | 30 | 43 | 33 | 36 | 48 | 12 | 72 |
| 2118-0002 | 60 | 53 | 43 | 48 | 45 | 12 | 48 |
| 2118-0004 | 125 | 70 | 64 | 64 | 74 | 12 | 36 |
| 2118-0008 | 250 | 70 | 64 | 75 | 119 | 6 | 36 |
| 2118-0016 | 500 | 120 | 112 | 112 | 88 | 6 | 24 |
| 2118-0032 | 1000 | 120 | 112 | 112 | 151 | 6 | 24 |

# Thermo Scientific Nalgene Straight-Sided Jar and Mason Jar Replacement Closures

## polypropylene

**Nalgene™ Straight Sided Jar and Mason Jar Replacement Screw Closures are designed to fit Nalgene containers.**

### details

- Made to fit Nalgene Straight Sided Jars and Mason Jars (Cat. Nos. 2116-, 2117-, 2118- and 2115-)
- Autoclavable

*Notes: Before autoclaving, disengage threads. Set top to side of straight sided jar when autoclaving to avoid deforming container.*

**Nalgene Straight Sided Jar and Mason Jar Replacement Closures**

| Cat. No. | Closure Size, mm | Color | No. per pkg | No. per Case |
|---|---|---|---|---|
| 712150-0430 | 43 | Natural | 12 | 12 |
| 712150-0530 | 53 | Natural | 12 | 12 |
| 712154-0700 | 70 | White | 12 | 12 |
| 712155-1200 | 120 | White | 12 | 12 |

## Thermo Scientific Nalgene Jars with Cover
### polypropylene

**Nalgene™ PP Jars with Cover are designed for storing and transporting solids.**

Chemically compatible with a wide range of lab materials. Larger size makes an excellent waste crock.

### details

- Straight sides and no neck make access and retrieval easy
- Larger sizes make excellent waste crocks
- Chemically compatible with a wide range of lab materials
- Autoclavable

**Nalgene Jars with Cover**

| Cat. No. | Capacity, L | O.D. x H, cm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 5352-0002 | 2.2 | 13.3 x 19.1 | 1 | 6 |
| 5352-0004 | 4.6 | 16.8 x 23.9 | 1 | 6 |

## Thermo Scientific Nalgene Jars with Cover
### polycarbonate

**Nalgene™ PC Multipurpose Jars with Cover are useful as water baths, aquaria, terraria or freeze-drying chambers.**

Drill, tap or apply clamps to attach heating or cooling equipment. May be used over a wide temperature range (-135°C to +135°C). Flat lids permit stacking to save space.

### details

- Drill, tap or apply clamps to jars to attach heating or cooling equipment
- Very durable 1/8 in. thick walls make these jars useful as water baths, aquaria, terraria or freeze-drying chamber
- Autoclavable

*Notes: Jar DS5300-0507 is suitable for vacuum applications if not autoclaved.*

**Nalgene Multipurpose Jars with Cover**

| Cat. No. | Capacity, L (gal.) | O.D. x H, cm (in.) | No. per Case |
|---|---|---|---|
| DS5300-0507 | 2.2 (1/2) | 13.3 x 19 (5-1/4 x 7-1/2) | 1 |
| DS5300-9212 | 4.7 (1) | 17 x 23.7 (6-3/4 x 9-3/8) | 1 |
| DS5300-9609 | 8.3 (2) | 22.2 x 25.3 (9 x 10) | 1 |
| DS5300-9910 | 18.8 (4.5) | 30.2 x 30.2 (12 x 12) | 1 |

# Thermo Scientific Nalgene Hydrometer Jar

## polymethylpentene

**Nalgene™ Hydrometer jars are lighter in weight than glass and protect against breakage.**

This transparent, autoclavable jar exhibits superior chemical resistance and a broad base make this a very stable addition to the lab.

### details

- Lighter in weight than glass – won't break
- Versatile jar can also be used as a lactometer cylinder
- Superior chemical resistance and broad base provide stability
- Autoclavable/Transparent

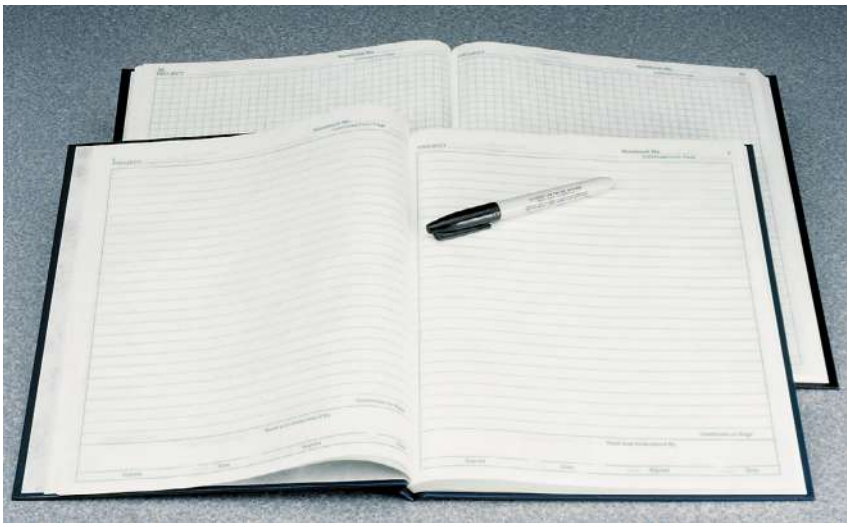
*Notes: Hydrometer not included.*

**Nalgene Hydrometer Jar**

| Cat. No. | Capacity, mL | Material |
|---|---|---|
| 6230-0500 | 500 | Polymethylpentene |

# Thermo Scientific Nalgene Lab Notebooks with PolyPaper Pages

## uncoated PolyPaper pages, polyethylene cover



**Nalgene™ Lab Notebooks for permanently securing your valuable notes and data in a hardcover case-bound paginated book.**

This lab notebook is extremely chemical resistant, making it durable for lab use. Pages include spaces for dates and signatures necessary documentation for securing patent protection.

### details

- Case-bound hardcover with 100 permanently-bound, polyolefin pages that are chemical resistant
- Pages are numbered and printed with spaces for dates, signature of worker and witness for patent protection
- 23 x 29 cm (9-1/4 x 11-1/4 in. ) pages are ruled with a fine green 6 mm (1/4 in.) grid to assist for orderly note keeping, drawings and charts
- Accepts ballpoint pen and permanent marking pen
- Permanently bound and paginated for data security and traceability

**Includes:** Instructions for keeping records, page for issuing book and table of contents.

**Nalgene Lab Notebooks with PolyPaper Pages**

| Cat. No. | Cover Color | Cover Dimensions, cm (in.) | Page Dimensions, cm (in.) | Page Format | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 6300-1000 | Black | 24.1 x 29.2 x 1.59 (9-1/2 x11-1/2 x 5/8) | 23.5 x 28.6 (9-1/4 x 11-1/4) | 1/4 in. grid | 1 | 6 |

## Thermo Scientific Nalgene Laboratory Notebooks with Regular Paper Pages
### polyethylene cover

**Nalgene™ Lab Notebooks feature 96 permanently sewn-in paper pages with either grid or horizontal ruled lines.**

Hard cover is durable and waterproof. Pages include spaces for dates and signatures, necessary documentation for securing patent protection as well as instructions for keeping records, table of contents and a page for issuing contents.

### details

- Spaces for dates, signature of worker and witness for patent protection
- Choose forest green cover with green grid or burgundy cover with horizontal lines
- Page size: Letter (8-1/2 × 11 in.) or A4 (8-3/4 × 11-1/4 in.)
- Permanently bound and paginated for data security and traceability

**Includes:** Instructions for keeping records, page for issuing book and table of contents.

*Notes: Pages are not waterproof.*

**Nalgene Lab Notebooks with Regular Paper Pages**

| Cat. No.. | Colors | Page dimension, cm (in.) | Line/grid spacing | No. per pkg. | No. per Case |
|---|---|---|---|---|---|
| 6301-1000 | Forest Green | 21.6 x 27.9 (8-1/2 x 11) | 6 mm grid | 1 | 6 |
| 6301-2000 | Burgundy | 21.6 x 27.9 (8-1/2 x 11) | 3 horizontal lines per inch | 1 | 6 |
| 6301-3000 | Forest Green | 22.2 x 28.6 (8-3/4 x 11-1/4) | 5 mm grid | 1 | 6 |
| 6301-4000 | Burgundy | 22.2 x 28.6 (8-3/4 x 11-1/4) | 5 mm lines | 1 | 6 |

## Thermo Scientific Nalgene Deluxe Laboratory Notebooks with Regular Paper Pages
### polyethylene cover

**Nalgene™ Deluxe Lab Notebooks with 184 high-quality, acid-free paper pages with 1/4 in. grid.**

Double the pages of our other lab notebooks. Specially designed for process record keeping and ideal for research laboratories in securing patent protection. Cover is water-resistant and easy to wipe clean.

### details

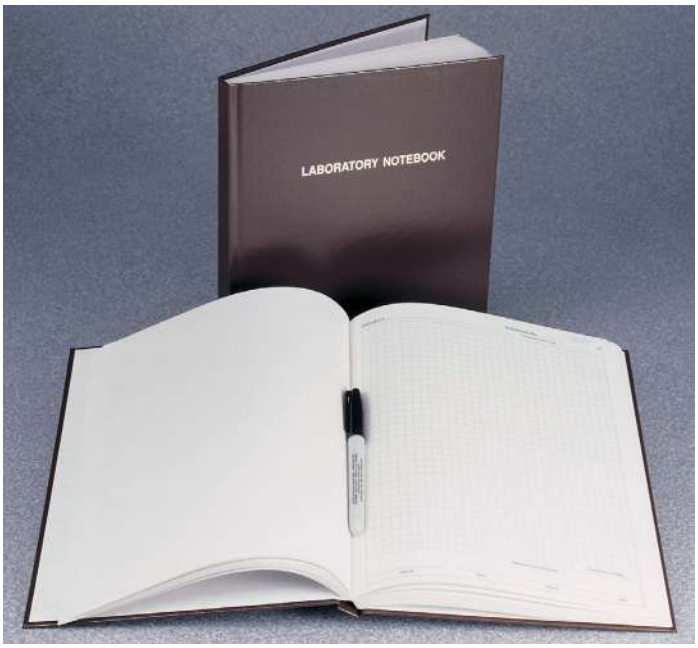
- Features water-resistant polyethylene cover and 184 high-quality, acid-free, paper pages with 1/4 in. grid lines
- Permanently bound and paginated for data security and traceability
- Letter-sized 8-1/2 × 11 in. pages are permanently bound and sewn
- Pages include place for preparer and witness signatures to aid in securing patent protection

**Nalgene Deluxe Laboratory Notebook with Regular paper pages**

| Cat. No.. | Cover color | O.D., (L x W x D), cm (in.) | Page dimension, cm (in.) | Grid size, in. | No. per pkg | No. per Case |
|---|---|---|---|---|---|---|
| 6501-1000 | Burgundy | 22.5 x 28.6 x 1.6 (8-7/8 x 11-1/4 x 5/8) | 21.6 x 27.9 (8-1/2 x 11) | 1/4 in. | 1 | 6 |

# Thermo Scientific Nalgene Duplex Lab Notebooks

## duplex format, paper pages, brown polyethylene cover




**Nalgene™ Laboratory Notebooks come with sewn-in paper pages in a duplex format, and a durable polyethylene cover.**

Pages are printed on one side only with an identically numbered duplicate behind it, designed for copying notes or for use with carbon paper (not included). Contains 50 numbered sets (100 total sheets) of regular gridded paper.

### details

- Pages are printed on one side only and gridded
- Brown waterproof cover is easy to wipe clean
- Each page is followed by an identically numbered, perforated page for easy removal
- Contains 50 numbered sets (total of 100 sheets)
- Page size: 8-1/2 × 11 in.
- Pages printed with 1/4 in. grid

*Notes: Carbon paper is not supplied with notebooks.*

**Nalgene Lab Notebooks**

| Cat. No. | Description | Overall Dimension, (L x W x D), cm (in.) | Page Dimensions, (L x W x D) cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 6302-1000 | 50 numbered sets (total of 100 sheets) | 22.5 x 28.6 x 1.6 (8-7/8 x 11-1/4 x 5/8) | 21.6 x 27.9 (8-1/2 x 11) | 1 | 6 |

# Thermo Scientific Nalgene Field Notebook, Spiral-Bound

## polyolefin pages, blue polyethylene cover

**Nalgene™ Field Notebook, Spiral-bound is ideal where moisture or chemicals may present a problem.**

Flexible, yet durable cover with sheets permanently spiral-bound and paginated for data security and traceablility. Includes 96 plastic pages printed with a grid on both sides. Polyolefin pages hold up to repeated wetting and chemical exposure. Book opens to lay flat. Cover and pages can be turned to the back to leave only the page at hand exposed to save workspace.

### details

- Blue polyethylene cover with 48 treated Polyolefin 9 × 11-1/4 in. pages and plastic spiral binding
- Pages numbered 1 through 96 and printed with fine green 1/4 in. (6 mm) grid
- Pages are washable and they dry flat
- Plastic pages protect your data; repels salt water, mud, chemicals and dirt
- Spiral notebook lies flat for easy use in the field
- Accepts almost all writing devices including ballpoint pen, felt-tip marker, indelible and grease pencils. Does not accept pencil.

**Includes:** Instructions for accepted notebook procedures, table of contents, page for issuing notebook.

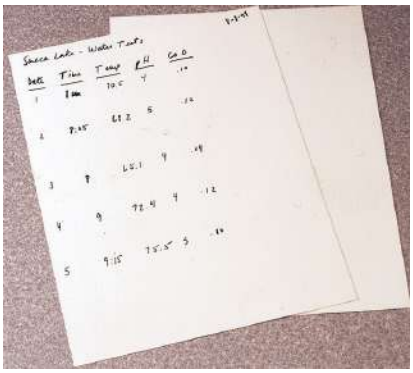
*Notes: Sheets do not accept pencil.*

**Nalgene Field Notebook, Spiral-bound**

| Cat. No. | Description | Page size, cm (in.) | Grid size, in. | No. per pkg | No. per Case |
|---|---|---|---|---|---|
| 6303-1000 | Polypaper Field Notebook | 23 x 29 (9 x 11-1/4) | 1/4 | 1 | 6 |

# Thermo Scientific Nalgene Polyolefin Plastic Paper Sheets

## polyolefin pages



**Nalgene™ Polyolefin Plastic Paper Sheets roll or fold without cracking, stay flexible at cold temperatures and won't rip, stretch or shrink.**

These durable sheets can be punched for use in binders or cut into labels to be enclosed with wet or dry chemical or biological samples stored in formalin. Excellent for field data collection and chain-of-custody records.

### details

- Resist UV light, tearing, fraying, curling, aging, discoloration, rot and mildew
- Roll or fold without cracking
- Remain flexible at cold temperatures
- May be punched for use in three-ring binders
- Cut into labels for enclosing with wet or dry chemicals and biological samples stored in formalin
- Can be written on with almost any pen, marker, type or print (does not accept pencil).

*Notes: Sheets do not accept pencil.*

**Nalgene Polyolefin Plastic Paper Sheets**

| Cat. No. | L x W, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|
| 6304-9811 | 27.9 x 21.6 (11 x 8-1/2) | 50 | 300 |

# Thermo Scientific Nalgene Polyolefin Pressure-Sensitive Labels

## polyolefin

**Nalgene™ Polyolefin labels won't wrinkle, curl or melt when used in photocopiers, laser or inkjet printers.**

Polyolefin labels are waterproof and resist most chemicals, while accepting a variety of inks including copier, marker, ballpoint, gels and technical markers, making them indispensable in the lab. Does not accept pencil. Pretest specific inks for suitability prior to use. Formatted for easy setup in most word processing label printing programs (instructions included).

### details

- Durable polyolefin labels resist ultraviolet light, mildew, chemicals and dirt and won't discolor, crack or tear
- Adhesive backing sticks well to any plastic, glass or metal surface – excellent for labeling microscopic slides
- Chemically compatible with most lab reagents although solvents may dissolve adhesive
- Rated to work in freezers without curling or detaching to -29°C
- For use with all writing devices except pencil
- Autoclavable

**Nalgene Polyolefin Pressure-Sensitive Labels**

| Cat. No. | H x W, mm (in.) | No. labels per sheet | No. labels per Pack | No. labels per Case |
|---|---|---|---|---|
| 6319-0010 | 22 x 22 (7/8 x 7/8) | 80 | 800 | 4000 |
| 6319-0015 | 20 x 38 (3/4 x 1-1/2) | 65 | 650 | 3250 |
| 6319-0020 | 25 x 67 (1 x 2-1/2) | 30 | 300 | 1500 |
| 6319-0030 | 13 x 44 (1/2 x 1-3/4) | 80 | 800 | 4000 |
| 6319-0040 | 51 x 102 (2 x 4) | 10 | 100 | 500 |

## Thermo Scientific Nalgene Right-To-Know Custom Labeling System

### polyolefin with clear plastic overlay

**Nalgene™ Right-To-Know Customer Labeling System is ideal for creating labels for dispensing bottles that identify the chemical within and its properties.**

Create your own safety label specific to chemical contents stored in your container. Labels adhere to the container and have a clear plastic overlay to protect the label markings from coming off due to chemical contact. Refer to the appropriate Material Safety data sheet (MSDS) or other reference material to verify the correct codes. Complete instructions included with each package.

### details

- Overlay is provided to protect label from chemical contact
- Ability to refer to the appropriate Material Safety Data Sheet (MSDS) or other reference material to verify the correct codes required for accurate and safe use.
- Complete instructions included with each package – hazard symbol stickers are GHS compliant

**Nalgene Right-To-Know Custom Labeling System**

| Cat. No. | L x W, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|
| 6316-1000 | 76.2 x 127 (3 x 5) | 25 | 150 |

## Thermo Scientific Nalgene Lab Markers

### black ink

**Nalgene™ Lab Markers are recommended for use with Nalgene Polyolefin paper, notebooks and labels.**

Nalgene Lab Markers are indispensable around the lab. They write on almost any surface, including glass, metal or plastic. Choose from a fine point pen or broad line marker for permanently marking almost anything. Caps have a clip to keep them handy in a lab coat or shirt pocket.

### details

- Felt-tip marking pens with convenient pocket clips
- Choose fine-line pen or broad-line marker depending on your requirement
- Dependably writes on glass, plastic or metal

**Nalgene Lab Markers**

| Cat. No. | Description | No. per Pack | No. per Case |
|---|---|---|---|
| 6310-0010 | Lab Pen, Fine Line | 4 | 12 |
| 6311-0010 | Lab Marker, Broad Point | 4 | 12 |

## Thermo Scientific Nalgene Pipet Box Holder

### acrylic

**Nalgene™ Pipet Box Holders accommodate bags, boxes, pipet canisters or 1 to 100 mL individually wrapped serological pipets.**

Compartments sized to fit one box of pipets 5-3/4 in. long. Dividers are removable to form larger storage areas that accomodate a wide variety of lab supplies.

### details

- Clear acrylic organizers allow you to view their contents easily and keep your small lab items neatly organized and within reach
- Can withstand brief exposure to dilute acids, and bases
- Cat. No. 6810-0002 has up to two horizontal compartments
- Cat. No. 6810-0004 has up to four compartments positioned at an angle providing ergonomic access and prevents pipets from sliding out

**Caution:** Alcohols, organic solvents and strong acids may cause immediate damage.

**Nalgene Pipet Box Holder**

| Cat. No. | Description | No. of Compartments | O.D., L x W x H, cm (in.) | Units per Case |
|---|---|---|---|---|
| 5810-0002 | Pipet Box Holder | 2 | 15.2 x 15.2 x 38.1 (6 x 6 x 15) | 1 |
| 5810-0004 | Angled Pipet Holder | 4 | 8.9 x 41.6 x 29.2 (3-1/2 x 16-3/8 x 11-1/2) | 1 |

## Thermo Scientific Nalgene Dispensing Bins

### acrylic

**Nalgene™ Dispensing Bins provide convenient, easy dispensing of small lab items.**

This all purpose bin can be used to store small laboratory supplies. Top dispensing bin has two compartments and a divider that can be removed to create one larger compartment and a hinged dust cover keeps items clean. Front dispensing bin is hinged at front for easy access or item removal.

### details

- Clear acrylic organizers allow you to view their contents easily and keep your small lab items neatly organized and within reach
- Can withstand brief exposure to dilute acids and bases

**Caution:** Alcohols, organic solvents and strong acids may cause immediate damage.

**Nalgene Dispensing Bins**

| Cat. No. | Description | O.D., L x W x H, cm (in.) | No. per Case |
|---|---|---|---|
| 5830-0001 | Top Dispensing Bin | 15.2 x 15.2 x 15.2 (6 x 6 x 6) | 1 |
| 5830-0002 | Front Dispensing Bin | 15.2 x 15.2 x 15.2 (6 x 6 x 6) | 1 |

## Thermo Scientific Nalgene Parafilm Dispensers
### acrylic

**Nalgene™ Parafilm™ Dispenser is used to hold rolls securely for easy dispensing.**

Acrylic dispenser can hold one box of 4 in. film or two boxes of 2 in. film. Channeled front allows cutting Parafilm. Storage for blade include, but blade is not included.

### details

- Channeled front allows cutting Parafilm
- Holds one box of 4 in. film or two boxes of 2 in. film securely in place

*Notes: Storage for blade included, but blade is not included.*

**Nalgene Parafilm Dispenser**

| Cat. No. | Description | No. per Case |
|---|---|---|
| 5833-0001 | Acrylic Parafilm Dispenser | 1 |

## Thermo Scientific Nalgene Stackable Drawer, All Purpose
### acrylic

**Nalgene™ Stackable Drawers nest for high-density storage and can be mounted under a shelf or cabinet with provided screws.**

### details

- Clear acrylic organizers allow you to view their contents easily and keep your small lab items neatly organized and within reach
- Can withstand brief exposure to dilute acids and bases

**Caution:** Alcohols, organic solvents and strong acids may cause immediate damage.

**Nalgene Stackable Drawer, All Purpose**

| Cat. No. | O.D., L x W x H, cm (in.) | No. per Case |
|---|---|---|
| 5832-0001 | 11.4 x 22.9 x 22.9 (4-1/2 x 9 x 9) | 1 |

## Thermo Scientific Nalgene Pipetter Rack and Stand

### acrylic

**Nalgene™ Pipetter Rack and Stand allow convenient, safe handling of pipetters used with radioisotopes.**

Keep your pipetters within reach and behind your beta shield with this convenient rack. Holds four standard size pipetters. Hang rack on any benchtop beta shield or on its own stand as shown. Declutters work areas.

### details

- Stand is 3/8 in. (9 mm) thick acrylic and works as a mini beta shield
- Holds 4 standard size pipetters

*Notes: Pipetters sold separately.*

**Nalgene Pipetter Rack and Stand**

| Cat. No. | Description | O.D., H x W x D, cm (in.) | No. per Case |
|---|---|---|---|
| 6803-0001 | Acrylic Pipetter Rack and Stand | 15.2 x 26.0 x 10.2 (6 x 10-1/4 x 4) | 1 |

## Thermo Scientific Nalgene Utility Boxes

### styrene-acrylonitrile, white low-density polyethylene lid with white SAN insert

**Nalgene™ Utility Boxes are available in four different sizes and shapes for mulitpurpose lab storage.**

Cat. No. 5700-0500 is ideal for electrophoresis gels. Lids snap securely into place. Stackable; rounded corners for easy cleaning. Clear wall allows easy view of contents.

Attractive, easy-to-clean, general purpose laboratory storage boxes. Not leakproof.

### details

- Manufactured from clear styrene-acrylonitrile with tight-fitting, molded, white, LDPE lids that include inserts to store and keep items dry and secure
- Stackable for high-density storage
- Cat. No. 5700-0500 is ideal for electrophoresis gels

**Nalgene Utility Boxes**

| Cat. No. | Capacity, mL | L x W x H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 5700-0325 | 325 | 12.9 x 7.5 x 5.9 (5 x 3 x 2-3/8) | 4 | 24 |
| 5700-0500 | 500 | 19.1 x 15.6 x 3.7 (7-1/2 x 6 x 1-1/2) | 2 | 12 |
| 5700-1000 | 1000 | 12.7 x 7.3 x 17.5 (5 x 3 x 7) | 2 | 12 |
| 5700-2000 | 2000 | 19.1 x 15.4 x 9.4 (7-1/2 x 6 x 4) | 1 | 8 |

## Thermo Scientific Nalgene Large Sterilizing Pans
### polypropylene

**Nalgene™ Large Sterilizing pans are useful for drying and sterilizing instruments and labware or for collecting and washing soiled lab equipment.**

Rolled edges provide extra stiffness and durability for these heavy-duty pans; molded-in handles for easy carrying.

### details

- Pans are tapered for nesting to save space
- Rolled edges provide extra stiffness for carrying heavy contents
- Heavy wall construction will withstand rugged use and repeated sterilizing
- Autoclavable

**Nalgene Large Sterilizing Pans**

| Cat. No. | Capacity, L (qts.) | L x W x H, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6900-0010 | 9.5 (10) | 361 x 311 x 143 (14-1/4 x 12-1/4 x 5-5/8) | 1 | 6 |
| 6900-0020 | 14.2 (15) | 543 x 435 x 130 (21-3/8 x 17-1/8 x 5-1/8) | 1 | 6 |

## Thermo Scientific Nalgene Autoclavable Pans
### polypropylene

**Nalgene™ Pans can be used repeatedly for autoclaving instruments and labware.**

Heavy-duty construction and extra strong rims make these pans excellent for carrying heavy loads. Rounded corners make cleaning easy.

### details

- Pans are tapered for nesting to save space
- Rolled edges provide extra stiffness for carrying heavy contents
- Heavy wall construction will withstand rugged use and repeated sterilization
- Autoclavable

**Nalgene Autoclavable Pans**

| Cat. No. | Capacity, L (qts.) | L x W x H, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6902-1000 | 2 (1.8) | 260 x 159 x 64 (10-1/4 x 6-1/4 x 2-1/2) | 1 | 6 |
| 6902-2000 | 2.8 (2) | 260 x 159 x 105 (10-1/4 x 6-1/4 x 4-1/8) | 1 | 6 |
| 6902-3000 | 3.1 (3) | 324 x 260 x 70 (12-3/4 x 10-1/4 x 2-3/4) | 1 | 6 |
| 6902-5000 | 5 (5) | 324 x 257 x 108 (12-3/4 x 10-1/8 x 4-1/4) | 1 | 6 |

## Thermo Scientific Nalgene Pipet/Instrument Sterilizing Tray with Cover

### filled polypropylene

**Nalgene™ Pipet/Instrument Sterilizing Tray with rigid plastic construction cuts down on breakage and chipping of glass pipet tips.**

Horizontal design allows pipets to be fully immersed in disinfectant. Tray is stackable, lightweight, quiet and less expensive than stainless steel. Cover fits into groove of pan to minimize spillage of hazardous materials.

### details

- Holds pipets up to 40 cm long in a stackable, lightweight alternative to stainless steel
- Can also be used to sterilize small labware and instruments
- Resists aggressive disinfectants
- Cover has a hand grip and rests in a groove to minimize spillage of hazardous materials
- Autoclavable

**Compliance:** Meets OSHA Standard 29CFR1910.1030 for use as protection against bloodborne pathogens. Conforms to NIH and Federal Register guidelines for biohazardous and recombinant DNA research where disinfecting and subsequent autoclaving of pipets are required before cleaning and disposal.

**Nalgene Pipet/Instrument Sterilizing Tray with Cover**

| Cat. No. | Description | L x W x H, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6910-0618 | Sterilizing Tray | 456 x 152 x 67 (18 x 6 x 2-5/8) | 1 | 6 |

## Thermo Scientific Nalgene Pans

### high-density polyethylene

**Nalgene™ pans are used for soaking labware or as ice baths.**

Durable, sturdy pans have a rolled rim for extra-strength. Chemically resistant to most acids, bases and alcohols.

### details

- Rugged, durable pans tapered for nesting
- Molded-in handles and rolled edges for easy carrying and handling
- Resistant to most acids, bases and alcohols for a multitude of uses in the lab

*Notes: This pan is NOT autoclavable.*

**Nalgene Pans**

| Cat. No. | L x W x H, Top O.D., mm (in.) | L x W x H, Bottom I.D., mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 7120-0010 | 358 x 308 x 143 (14-1/8 x 12-1/8 x 5-5/8) | 254 x 221 x 135 (10 x 8-3/4 x 5-3/8) | 1 | 6 |
| 7120-0020 | 541 x 435 x 130 (21-3/8 x 17-1/8 x 5-1/8) | 422 x 336 x 127 (16-5/8 x 13-1/4 x 5) | 1 | 6 |

## Thermo Scientific Nalgene Autoclaving Baskets
### polypropylene

**Nalgene™ Polypropylene Autoclaving Baskets hold labware during autoclaving and washing**

Baskets provide complete venting and draining. Smooth surface will not scratch plastic or glass contents. Chemically compatible with most acids, bases and alcohols, so it won't corrode.

### details

- Provides airflow for venting and drying
- Smooth surface will not scratch plastic or glass
- Nestable for storage
- Autoclavable

**Nalgene Autoclaving Baskets**

| Cat. No. | L x W x H, cm (in) | No. per Pack | No. per Case |
|---|---|---|---|
| 6917-0127 | 15.6 x 12.2 x 10.4 (6-1/8 x 4-7/8 x 4-1/8) | 1 | 6 |
| 6917-0150 | 15.6 x 16.8 x 17.8 (6-1/8 x 6-5/8 x 7) | 1 | 6 |
| 6917-0230 | 23.3 x 23.0 x 23.9 (9-1/4 x 9-1/8 x 9-3/8) | 1 | 6 |

## Thermo Scientific Nalgene Pneumatic Trough
### polypropylene

**Nalgene™ PP Pneumatic Trough is an excellent replacement for metal-type troughs.**

Polypropylene trough features tapered sides for nesting. Lightweight, corrosion-proof and quiet, it has no sharp corners or separate parts to lose. Built-in gas inlet and platform accommodates four 250 mL bottles.

### details

- Lightweight, corrosion-proof and quieter than metal
- No sharp corners or separate parts to lose
- Bridge supports four wide mouth 250 mL bottles
- Gas tubing passes through a loop to prevent liquid from flowing into gas line
- Liquid inlet and outlet connections accept 1/4 in. I.D. × 3/8 in. O.D. (6.4 × 9.5 mm) tubing (tubing sold separately)

**Nalgene Pneumatic Trough**

| Cat. No. | Description | L x W x H, cm | No. per Case |
|---|---|---|---|
| 6820-0010 | Pneumatic Trough | 31.1 x 17.2 x 76 | 6 |

# Thermo Scientific Nalgene Pipet Baskets

## high-density polyethylene

**Nalgene™ Pipet Baskets are made of resilient, chemical-resistant HDPE to protect glass pipets from breakage.**

Perforated screen in the bottom allows cleaning solutions to fill the chamber from the bottom and is recessed 3/4 in. (1.9 cm) for complete drainage. Use inside Nalgene pipet jars for soaking pipets in cleaning or disinfection solutions, then drain and transfer into the Nalgene pipet washer for automatic pipet washing and rinsing.

### details

- Rugged, resilient baskets cushion pipets and won't corrode
- Perforated bottom is recessed 19 mm (3/4 in.) into base for complete drainage
- Chemically compatible with most acids, bases, alcohols and detergents

*Notes: Match size letter code for best jar and washer fits.*

**Nalgene Pipet Baskets**

| Cat. No. | Size Code | Height with Handle, cm (in.) | For Pipet Length, cm (in.) | No. per Case |
|---|---|---|---|---|
| DS5241-0020 | A | 37 (14-3/4) | 20.3 (8) | 1 |
| DS5241-0040 | B | 58 (22-3/4) | 40.6 (16) | 1 |
| DS5241-0050 | C | 78 (30-3/4) | 61.0 (24) | 1 |

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# Thermo Scientific Nalgene Pipet Jars

## cross-linked high-density polyethylene, polypropylene copolymer base

**Nalgene™ Pipet Jars are used for soaking or chemically sterilizing glass pipets.**

Tough, rigid and seamless jar is deal for soaking glassware and pipets. Excellent general purpose container with dust lid.

### details

- Cross-linked high-density polyethylene is chemically compatible for long-term exposure to most acids, bases, alcohols and detergents
- May be used with sulfuric acid/dichromate solution if acid concentration is 60% or less
- Recommended cleaning solution formula shown on the jar's label is effective and lasts longer than standard solutions
- Match size letter code with basket size letter code for optimum fit
- Base with flanges prevents tipping

**Storage:** Store jar in container, sink or drainboard large enough to retain contents should leakage occur.

**Caution:** Not for use with concentrated sulfuric acid. Do not mix cleaning solutions in jar; see jar label for recommended solution formula

**How to use:** Fill with preferred cleaning solution. Place pipets in the corresponding Nalgene pipet basket (Cat. No. DS5241) for easy submersion in, and retrieval from, the jar. Lid slows cleaning solution evaporation and keeps contents free from debris. Flanged base for added security.

**Nalgene Pipet Jars**

| Cat. No. | Size | For Pipets up to, cm (in.) | H x D, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 5242-0040 | A | 20.3 (8) | 51.4 x 16.5 (20-1/4 x 6-1/2) | 1 | 6 |
| 5242-0050 | B | 40.6 (16) | 68.6 x 16.5 (27 x 6-1/2) | 1 | 6 |
| 5242-0060 | C | 61 (24) | 91.4 x 17.5 (36 x 6-7/8) | 1 | 2 |

# Thermo Scientific Nalgene Pipet Washers/Rinsers

## high-density polyethylene

**Nalgene™ Pipet Washer/Rinsers attach to your sink water or DI tap and drain for repeated, automatic fill and empty cycling.**

### details

- One piece, leakproof, weld-free
- High-density polyethylene is built for rugged use
- Large tubing diameter permits faster cycles and allows water to drain completely
- Water inlet designed to eliminate back siphoning of contaminated water into water line, even if pressure drops
- Slower cycling is achieved without attachments by turning down water source flow rate
- Works well on low water pressure

**Includes:** Clear plastic tubing for inlet and outlet. Pipet basket sold separately.

**How to use**: Attach to water inlet and direct drain tubing into an appropriate drain to accept the rinse water. Turn on your water source and the wash chamber fills from the water inlet. When wash chamber is full, a siphon forms at the drain elbow emptying the chamber through the drain outlet. Fill and empty cycles continue until water source is turned off.

**Nalgene Pipet Washers/Rinsers**

| Cat. No. | Size | For Pipets up to, cm (in.) | Overall H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 5245-0040 | A, B | 41 (16) | 78 (30-1/2) | 1 | 6 |
| 5245-0050 | C | 61 (24) | 97 (38) | 1 | 4 |

# Thermo Scientific Nalgene Pipet Cleaning Equipment Sets

**Nalgene™ Pipet Cleaning Equipment Sets include everything needed to clean pipets.**

Each of these packaged sets comes with a basket, jar and washer. Convenient larger size available in this set package to accomodate up to 32 in. (81 cm) long pipets.

### details

- All are made of rugged, high-density polyethylene
- Components are also available separately except F size (sold only as a set)

**Includes:** One pipet jar, one basket and one washer/rinser of size indicated.

*Notes: For horizontal pipet washing, see Cat. No. 6910-0618: Instrument/pipet sterilizing pan.*

**Nalgene Pipet Cleaning Equipment Sets**

| Cat. No. | Size | For Pipets up to, cm (in.) | No. per Case |
|---|---|---|---|
| 5250-0040 | B | 41 (16) | 1 |
| 5250-0050 | C | 61 (24) | 1 |
| DS5250-0060 | F | 81 (36) | 1 |

# Thermo Scientific Nalgene Unwire Test Tube Racks

## Resmer™ Manufacturing Technology

**Nalgene™ Unwire™ Test Tube Racks withstand most lab chemicals and temperatures up to 121°C.**

Sturdy, durable plastic racks have no coating to chip, peel or rust. These racks are molded in a single piece for exceptional strength and durability. Securely hold a full load of test tubes or centrifuge tubes for 13, 16, 20, 25 and 30 mm diameter sizes. Molded in 6 bright and long-lasting colors to help keep your samples organized.

### details

- Smooth finish leaves fewer places for contaminants to lodge; no welds to break, no sharp edges and no assembly required – ready to use
- Endplates accept large labels for easy identification of samples
- Higher specific gravity than water so rack stays submerged in a water bath – won't float
- Withstands most lab chemicals and temperatures up to 121°C for a variety of lab procedures
- Available in six bright colors to help keep samples organized
- 15 mL conical tubes fit 20 mm racks; 50 mL conical tubes fit 30 mm racks
- Autoclavable

**Nalgene Unwire Test Tube Racks**

| Cat. No. | Array | Color | L x W x H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| **For 13 mm tubes, 72 places** | | | | | |
| 5970-0513 | 6 x 12 | Red | 20 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5970-0313 | 6 x 12 | Blue | 20 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5970-0413 | 6 x 12 | Green | 20 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5970-0213 | 6 x 12 | Yellow | 20 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5970-0113 | 6 x 12 | Orange | 20 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5970-0013 | 6 x 12 | White | 20 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| **For 16 mm tubes, 72 places** | | | | | |
| 5970-0516 | 6 x 12 | Red | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5970-0316 | 6 x 12 | Blue | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5970-0416 | 6 x 12 | Green | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5970-0216 | 6 x 12 | Yellow | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5970-0116 | 6 x 12 | Orange | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5970-0016 | 6 x 12 | White | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| **For 20 mm tubes, 40 places** | | | | | |
| 5970-0520 | 4 x 10 | Red | 25 x 10.2 x 8.3 (9-3/4 x 4 x 3-1/4) | 1 | 8 |
| 5970-0320 | 4 x 10 | Blue | 25 x 10.2 x 8.3 (9-3/4 x 4 x 3-1/4) | 1 | 8 |
| 5970-0420 | 4 x 10 | Green | 25 x 10.2 x 8.3 (9-3/4 x 4 x 3-1/4) | 1 | 8 |
| 5970-0220 | 4 x 10 | Yellow | 25 x 10.2 x 8.3 (9-3/4 x 4 x 3-1/4) | 1 | 8 |
| 5970-0120 | 4 x 10 | Orange | 25 x 10.2 x 8.3 (9-3/4 x 4 x 3-1/4) | 1 | 8 |
| 5970-0020 | 4 x 10 | White | 25 x 10.2 x 8.3 (9-3/4 x 4 x 3-1/4) | 1 | 8 |

# Thermo Scientific Nalgene Unwire Test Tube Racks

## Resmer™ Manufacturing Technology, continued

Nalgene Unwire Test Tube Racks

| Cat. No. | Array | Color | L x W x H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| **For 25 mm tubes, 40 places** | | | | | |
| 5970-0525 | 4 x 10 | Red | 30 x 12.1 x 9.2 (11-3/4 x 4-3/4 x 3-1/2) | 1 | 8 |
| 5970-0325 | 4 x 10 | Blue | 30 x 12.1 x 9.2 (11-3/4 x 4-3/4 x 3-1/2) | 1 | 8 |
| 5970-0425 | 4 x 10 | Green | 30 x 12.1 x 9.2 (11-3/4 x 4-3/4 x 3-1/2) | 1 | 8 |
| 5970-0225 | 4 x 10 | Yellow | 30 x 12.1 x 9.2 (11-3/4 x 4-3/4 x 3-1/2) | 1 | 8 |
| 5970-0125 | 4 x 10 | Orange | 30 x 12.1 x 9.2 (11-3/4 x 4-3/4 x 3-1/2) | 1 | 8 |
| 5970-0025 | 4 x 10 | White | 30 x 12.1 x 9.2 (11-3/4 x 4-3/4 x 3-1/2) | 1 | 8 |
| **For 30 mm tubes, 24 places** | | | | | |
| 5970-0530 | 3 x 8 | Red | 28.3 x 10.8 x 8.3 (11-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5970-0330 | 3 x 8 | Blue | 28.3 x 10.8 x 8.3 (11-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5970-0430 | 3 x 8 | Green | 28.3 x 10.8 x 8.3 (11-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5970-0230 | 3 x 8 | Yellow | 28.3 x 10.8 x 8.3 (11-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5970-0130 | 3 x 8 | Orange | 28.3 x 10.8 x 8.3 (11-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5970-0030 | 3 x 8 | White | 28.3 x 10.8 x 8.3 (11-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |

# Thermo Scientific Nalgene Unwire Half-Racks

## Resmer™ Manufacturing Technology

**Nalgene™ Unwire™ Half-Racks are ideal for use in incubators, refrigerators, freezers, under lab hoods, and on benchtops.**

Our half-racks have all the features of our full sized Unwire racks, but occupy half the space! These half-racks fit easily in ice or water baths – will not float. More space-efficient than full-sized racks. Molded in 6 bright colors to help keep samples organized.

### details

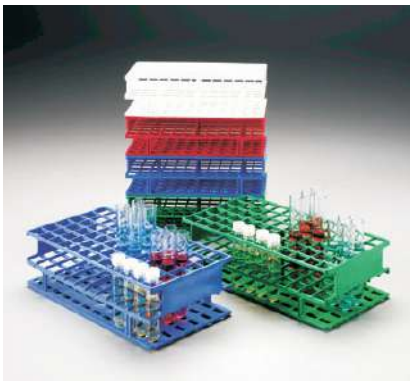
- Smooth finish leaves fewer places for contaminants to lodge; no welds to break, no sharp edges and ready to use – no assembly required
- Endplates accept large labels for easy identification of samples
- Higher specific gravity than water so stays submerged in a water bath – won't float
- Withstands most lab chemicals and temperatures up to 121°C for a variety of lab procedures
- Available in six bright colors to help keep samples organized
- 15 mL conical tubes fit 20 mm racks; 50 mL conical tubes fit 30 mm racks
- Half the length of standard Unwire Racks, racks save space on the benchtop or fit easily in ice or water baths
- Autoclavable

Nalgene Unwire Half-Racks

| Cat. No. | Array | Color | L x W x H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| **For 13 mm tubes, 36 places** | | | | | |
| 5972-0013 | 6 x 6 | White | 10.2 x 10.2 x 5.6 (4 x 4 x 2-1/4) | 1 | 8 |
| 5972-0313 | 6 x 6 | Blue | 10.2 x 10.2 x 5.6 (4 x 4 x 2-1/4) | 1 | 8 |
| 5972-0413 | 6 x 6 | Green | 10.2 x 10.2 x 5.6 (4 x 4 x 2-1/4) | 1 | 8 |
| 5972-0513 | 6 x 6 | Red | 10.2 x 10.2 x 5.6 (4 x 4 x 2-1/4) | 1 | 8 |
| **For 16 mm tubes, 36 places** | | | | | |
| 5972-0016 | 6 x 6 | White | 12.7 x 12.7 x 6.8 (5 x 5 x 2-3/4) | 1 | 8 |
| 5972-0316 | 6 x 6 | Blue | 12.7 x 12.7 x 6.8 (5 x 5 x 2-3/4) | 1 | 8 |
| 5972-0416 | 6 x 6 | Green | 12.7 x 12.7 x 6.8 (5 x 5 x 2-3/4) | 1 | 8 |
| 5972-0516 | 6 x 6 | Red | 12.7 x 12.7 x 6.8 (5 x 5 x 2-3/4) | 1 | 8 |
| **For 20 mm tubes, 20 places** | | | | | |
| 5972-0020 | 4 x 5 | White | 12.7 x 10.5 x 8.4 (5 x 4 x 3-1/4) | 1 | 8 |
| 5972-0320 | 4 x 5 | Blue | 12.7 x 10.5 x 8.4 (5 x 4 x 3-1/4) | 1 | 8 |
| 5972-0420 | 4 x 5 | Green | 12.7 x 10.5 x 8.4 (5 x 4 x 3-1/4) | 1 | 8 |
| 5972-0520 | 4 x 5 | Red | 12.7 x 10.5 x 8.4 (5 x 4 x 3-1/4) | 1 | 8 |
| **For 25 mm tubes, 16 places** | | | | | |
| 5972-0025 | 4 x 4 | White | 12.2 x 12.2 x 7.6 (5 x 4-3/4 x 3) | 1 | 8 |
| 5972-0325 | 4 x 4 | Blue | 12.2 x 12.2 x 7.6 (5 x 4-3/4 x 3) | 1 | 8 |
| **For 30 mm tubes, 9 places** | | | | | |
| 5972-0030 | 3 x 3 | White | 10.9 x 10.9 x 8.4 (4-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5972-0330 | 3 x 3 | Blue | 10.9 x 10.9 x 8.4 (4-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5972-0430 | 3 x 3 | Green | 10.9 x 10.9 x 8.4 (4-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |
| 5972-0530 | 3 x 3 | Red | 10.9 x 10.9 x 8.4 (4-1/4 x 4-1/4 x 3-1/4) | 1 | 8 |

# Thermo Scientific Nalgene Unwire Test Tube Racks

## polypropylene



**Nalgene™ Unwire™ PP Test Tube Racks provide exceptional strength and durability.**

These ready-to-use racks are designed to save space on your benchtop – they hold a full load of test tubes or centrifuge tubes. Available in four bright colors, its easy to keep samples organized.

### details

- Higher specific gravity than water so rack stays submerged in a water bath – won't float
- Hold a full load of test tubes or centrifuge tubes for 13, 16, 20, 25 and 30 mm sizes or up to 72 smaller diameter tubes
- Four bright colors help keep samples organized
- Endplates accept large labels for easy identification of samples

*Notes: These racks are NOT autoclavable.*

**Nalgene Unwire Test Tube Racks**

| Cat. No. | Array | Color | L x W x H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| **For 13 mm tubes, 72 places** | | | | | |
| 5976-0013 | 6 x 12 | White | 20.0 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5976-0313 | 6 x 12 | Blue | 20.0 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5976-0413 | 6 x 12 | Green | 20.0 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| 5976-0513 | 6 x 12 | Red | 20.0 x 10.2 x 5.7 (7-3/4 x 4 x 2-1/4) | 1 | 8 |
| **For 16 mm tubes, 72 places** | | | | | |
| 5976-0016 | 6 x 12 | White | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5976-0316 | 6 x 12 | Blue | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5976-0416 | 6 x 12 | Green | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |
| 5976-0516 | 6 x 12 | Red | 24.8 x 12.7 x 7.0 (9-3/4 x 5 x 2-3/4) | 1 | 8 |

## Thermo Scientific Nalgene Test Tube Racks, General Purpose
### polycarbonate

**Nalgene™ PC General-Purpose Racks are available with handles for easy carrying.**

These general purpose racks can stack with any other racks of the same length when empty. Holes are keyed with molded-in numbers and letters for easy identification of tubes.

### details

- Identify tubes easily with keyed in numbers and letters on rack
- Handles make these racks easy to carry
- Will stack with other racks of same length to save space when not in use
- Higher specific gravity than water so racks stay submerged in a water bath – won't float
- Autoclavable

*Notes: Autoclaving will reduce strength over time.*

**Nalgene Test Tube Racks, General Purpose**

| Cat. No. | For Tube Size | Array | L x W, cm (in.) | No. of Places | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5929-0016 | 13–16 mm | 4 x 10 | 28.5 x 11.5 (11 x 4-1/2) | 40 | 1 | 4 |
| 5929-0020 | 16–20 mm | 4 x 10 | 28.5 x 11.5 (11 x 4-1/2) | 40 | 1 | 4 |
| 5929-0030 | 25–30 mm | 3 x 8 | 32.0 x 11.5 (12-1/2 x 4-1/2) | 24 | 1 | 4 |

## Thermo Scientific Nalgene Test Tube Racks, General Purpose
### polypropylene

**Nalgene™ PP General Purpose Racks are available with handles for easy carrying.**

These general purpose racks can stack with any other racks of the same length when empty. Holes are keyed with molded-in numbers and letters for easy identification of tubes.

### details

- Identify tubes easily with keyed in numbers and letters on rack
- Handles make these racks easy to carry
- Will stack with other racks of same length to save space when not in use
- Superior chemical resistance make these racks compatible with many chemicals in the lab
- Higher specific gravity than water so stays submerged in a water bath – won't float

*Notes: These racks are NOT autoclavable.*

**Nalgene Test Tube Racks, General Purpose**

| Cat. No. | For Tube Size | Array | L x W, cm (in.) | No. of Places | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5930-0013 | 10–13 mm | 6 x 12 | 28.5 x 11.5 (11 x 4-1/2) | 72 | 1 | 4 |
| 5930-0016 | 13–16 mm | 4 x 10 | 28.5 x 11.5 (11 x 4-1/2) | 40 | 1 | 4 |
| 5930-0020 | 16–20 mm | 4 x 10 | 28.5 x 11.5 (11 x 4-1/2) | 40 | 1 | 4 |
| 5930-0030 | 21–25 mm | 3 x 8 | 32.0 x 11.5 (12-1/2 x 4-1/2) | 24 | 1 | 4 |

# Thermo Scientific Nalgene Test Tube Slant Racks

## polycarbonate

**Nalgene™ Test Tube Slant Racks are useful for incubating liquid cultures on a slant.**

Unique end plate design on this slant rack rests at a 5° or 20° tilt to allow media to harden at an angle for incubating liquid cultures. Keyed with numbers and letters for easy identification of tube location.

### details

- After microwaving, set rack of tubes filled with media at either 5° or 20° slant
- Media will harden with a consistent slant
- Keyed with numbers and letters for identification
- Stackable when empty to save space on your benchtop
- Higher specific gravity than water so stays submerged in a water bath – won't float
- Autoclavable

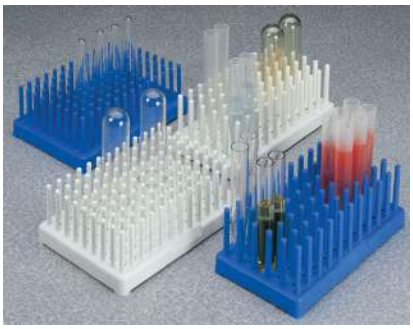
*Notes: Autoclaving will reduce strength over time.*

**Nalgene Test Tube Slant Racks**

| Cat. No. | Description | Array | L x W, cm (in.) | Width of End Plates, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5935-0016 | For 15-16 mm tubes | 4 x 10 | 28.5 x 11.5 (11 x 4-1/2) | 15.5 (6) | 1 | 4 |
| 5935-0020 | For 20 mm tubes | 4 x 10 | 28.5 x 11.5 (11 x 4-1/2) | 15.5 (6) | 1 | 4 |

## Thermo Scientific Nalgene Test Tube Peg Racks

### filled polypropylene



**Nalgene™ Test Tube Peg Racks are ideal for holding sample collection tubes, reaction tubes and similar diameter test tubes.**

This rack is also suitable for drying glass plates used in electrophoresis and chromatography. Racks exhibit good chemical resistant and are autoclavable.

### details

- Consist of an array of pegs spaced to hold given-diameter test tubes while allowing full view of the tube contents
- Pegs also hold tubes in inverted position for drying
- Ribs keep inverted tubes off base to allow drainage through holes and minimize collection of airborne contaminants inside the tubes
- Suitable for drying glass plates are used in electrophoresis and chromatography
- Higher specific gravity than water so stays submerged in a water bath – won't float
- Autoclavable

**Nalgene Test Tube Peg Racks**

| Cat. No. | Array | Color | L x W x H, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| **For 10 to 13 mm tubes; 96 places** | | | | | |
| 5977-0013 | 8 x 12 | White | 17.9 x 12.7 x 6.4 (7 x 5 x 2-1/2) | 2 | 8 |
| 5977-0313 | 8 x 12 | Blue | 17.9 x 12.7 x 6.4 (7 x 5 x 2-1/2) | 2 | 8 |
| **For 14 to 17 mm tubes; 50 places** | | | | | |
| 5977-0017 | 5 x 10 | White | 18.7 x 10.5 x 7.0 (7-3/8 x 4-1/8 x 2-3/4) | 2 | 8 |
| 5977-0317 | 5 x 10 | Blue | 18.7 x 10.5 x 7.0 (7-3/8 x 4-1/8 x 2-3/4) | 2 | 8 |

## Thermo Scientific Nalgene Microcentrifuge Tube Rack

### ResMer™ Manufacturing Technology

**Nalgene™ Microcentrifuge Tube Racks retain their performance in harsh lab environments.**

These racks are useful in a wide temperature range and exhibit good chemical resistance for versatility in the lab. Racks are stackable when filled with tubes, or when empty.

### details

- Keyed with molded-in letters and numbers for easy sample identification
- 4 × 6 array
- Stackable when empty or full to save space on benchtop
- Useful in a wide temperature range up to 121°C
- Exhibits good chemical resistance for long life in the lab
- Autoclavable

**Nalgene Microcentrifuge Tube Rack**

| Cat. No. | Tube Cap, mL | Array | Color | L x W x H, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| 5973-0015 | 1.5 | 4 x 6 | White | 143 x 90 x 52 | 1 | 8 |

# Thermo Scientific Nalgene Floating Microtube Racks

## polypropylene

**Nalgene™ Polypropylene Floating Microtube Racks are ideal for genetic cloning, microbiology and immunology labs.**

This rack offers excellent temperature resistance from -70° to +100°C, allowing you to thaw, cool and incubate samples at either elevated or reduced temperatures.

### details

- Square- and round-style racks for incubating 1.0 to 2.0 mL microcentrifuge tubes
- Round-style racks fit conveniently inside 400 or 1000 mL beakers
- Square-rack is designed for stable flotation in turbulent water baths
- Racks will float with a full load of filled tubes
- On benchtop, rack legs prevent bottom of tubes from touching bench surface and rack lip supports tube
- Handle provides convenient transport, agitation and removal from water bath
- Thaw, cool and incubate samples at elevated or reduced temperatures – tolerates a wide temperature range
- Each hole has molded-in letters and numbers for easy sample identification

*Notes: Racks are NOT autoclavable.*

**Nalgene Floating Microtube Racks**

| Cat. No. | For Tube Size, mL | Fit Nalgene Beakers, mL | Dimensions, L x W x H, mm | Array | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|
| **Square Racks** | | | | | | |
| 5974-0404 | 1.0, 1.2, 1.5 and 2.0 | – | 103 x 103 x 65 | 4 x 4 | 4 | 16 |
| **Round Racks** | | | **Dia., mm** | | | |
| 5974-1015 | 1.0, 1.2, 1.5 and 2.0 | 1000 | 96 | 20 | 4 | 16 |
| 5974-4015 | 1.0, 1.2, 1.5 and 2.0 | 400 | 66 | 8 | 4 | 16 |

# Thermo Scientific Nalgene Safety Bottle Carriers

## low-density polyethylene, polycarbonate cap, epoxy-coated handle

**Nalgene™ Safety Bottle Carriers safely and easily hold 2.5 L and 4 L chemical bottles, with or without finger loops.**

Holds and protects standard acid and chemical bottles and permits pouring without removing the bottles. Cover locks in place with epoxy-coated handle while carrying. Clear cap protects bottle closure and allows identification of color-coded closure on acid bottles. Cap twists for removal from cover, so no need to remove bottle from carrier to pour.

### details

- Epoxy-coated handle locks in place while carrying contents
- Clear cap allows identification of color-coded closure on acid bottles and protects bottle closure
- Cap twists for removal from cover – no need to remove bottle from carrier to pour
- Cushions glass bottles from breakage
- Cover locks in place to ensure safe transportation of contents

**Nalgene Safety Bottle Carriers**

| Cat. No. | Capacity, L | No. per Pack | No. per Case |
|---|---|---|---|
| 6501-2500 | 2.5 | 1 | 6 |
| 6501-4000 | 4 | 1 | 6 |

## Thermo Scientific Nalgene Safety Half-Liter Bottle Carriers

### linear low-density polyethylene

**Nalgene™ Safety Bottle Carrier holds up to six standard 500 mL reagent bottles in any profile.**

Bottles are held securely in place, reducing the chances of bumping into each other, cracking or chipping. Sturdy, wide handle molded in one piece with the base allows a comfortable grip – even when carrier is full. Cover latches securely to base and allow carriers to stack.

### details

- Bottles are held securely in place, reducing the chances of bumping, cracking or chipping
- Sturdy, wide handle molded in one piece with the base allows a comfortable grip
- Cover latches securely to base and allow carriers to stack
- Linear LDPE provides rigidity and impact resistance

**Nalgene Safety Half-Liter Bottle Carrier**

| Cat. No. | Description | L x W x H, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6505-0010 | 500 mL Bottle Carriers | 349 x 248 x 276 (14 x 10 x 11) | 1 | 6 |

## Thermo Scientific Nalgene 4-in-1 EZ Tote Bottle Carrier

### blue corrugated plastic

**Nalgene™ 4-in-1 EZ Tote™ Bottle Carrier holds eight 500 mL, six 1 L, or two 4 L bottles. Manufactured from 3 mm corrugated HDPE plastic.**

Carrier makes transporting bottles and other lab essentials safer and easier. Versatile, durable and lightweight, partitions are included and assembly instructions are printed on each tote.

### details

- Reconfigureable partitions make this a versatile tote
- Holds up to 28 lb. (12.7 kg)
- Stores flat and easy to assemble

*Notes: Carrier is not autoclavable.*

**Nalgene 4-in-1 EZ Tote Bottle Carrier**

| Cat. No. | For Bottle Size, L | L x W x H, cm (in.) | No. of Positions | No. per Case |
|---|---|---|---|---|
| 6565-0001 | .5, 1, or 4 | 33 x 20 x 34 (13 x 8 x 13-1/2) | Reconfigureable partitions | 4 |

## Thermo Scientific Nalgene Multi-Bottle Rack

### white polycarbonate

**Nalgene™ Multi-Bottle Rack holds up to eight 500 mL round or square bottles securely.**

Bottles fit snugly between upper grid and molded-in depressions on lower tray and protect against bumping while being transported. Handle telescopes for convenient storage. Also useful as a BOD bottle rack.

### details

- Handle telescopes into rack for convenient storage
- Bottles fit securely in upper grid and molded-in depressions for safe carrying
- Autoclavable

**Nalgene Multi-Bottle Rack**

| Cat. No. | For Bottle Size, mL | Dimensions w/ Handle extended, cm | Height w/ Handle telescoped, cm | Bottles Held | No. per Case |
|---|---|---|---|---|---|
| DS5996-0871 | 500 | 33.0 x 19.4 x 22.9 | 16.5 | 8 | 1 |

# Thermo Scientific Nalgene Benchtop Beta Radiation Shield

## acrylic

**Nalgene™ Benchtop Beta Radiation Shields are designed for use on the laboratory benchtop during procedures which require the handling of ß-emitting isotopes.**

Nalgene Benchtop Beta Radiation Shields are transparent and free-standing with an angled top that allows contents of tubes located behind the shield to be viewed from the top while the shield protects the lab worker.

### details

- Designed to protect the lab worker during laboratory benchtop procedures which require the handling of ß-emitting isotopes
- Made of 3/8 in. thick acrylic – stops ß-emitting radioactive isotopes
- Transparent with an angled top that allows contents of tubes located behind the shield to be viewed from the top
- The 12 in. deep base provides a large flat work surface and minimizes the risk of "hot spots" on the benchtop
- Radiation/Transparent

**Includes:** Radiation labels.

**Compliance:** Both shields meet OSHA Standard 29CFR Part 1910.1030 for use as protection against bloodborne pathogens.

**WARNING!** Radioactive waste should never be stored on the benchtop for long periods of time and should be disposed of properly. Proper handling and storage of isotopes will minimize exposure to radiation. For standards related to exposure, refer to United States Nuclear Regulatory Commission Rules and Regulations, Title 10, Chapter 1, Part 20.

**Nalgene Benchtop Beta Radiation Shield**

| Cat. No. | I.D., H x W x D, mm (in.) | Thickness, mm (in.) | No. per Case |
|---|---|---|---|
| 6700-1812 | 457 x 305 x 305 (18 x 12 x 12) | 9 (3/8) | 1 |
| 6700-2418 | 610 x 457 x 305 (24 x 18 x 12) | 9 (3/8) | 1 |

# Thermo Scientific Nalgene Beta Waste Container (with bottle)

## acrylic, polyethylene bottle

**Nalgene™ Beta Waste Container for the benchtop is constructed of 3/8 in. thick (0.95 cm) acrylic, protecting personnel from waste material containing beta-emitting isotopes.**

Transparent shield encases the waste bottle without obstructing access to or manipulation of bottle closure.

Provided with a 2-liter HDPE Nalgene wide mouth waste bottle for holding liquid wastes. Machined lip on the cap prevents slipping and provides extra impact protection.

### details

- Shield cap fits securely over waste bottle – machined lip on cap prevents slipping and provides extra impact protection
- Shield encases 2 L (64 oz.) Nalgene waste bottles (included) while providing safe access to, or easy manipulation of, bottle closure
- Radiation/Transparent

**Ordering Information:** Additional replacement bottles may be purchased (Cat. No. 2120-0005). Other Nalgene bottles may also be used as replacement bottles including Cat. Nos. 2125-2000 and 2115-2000.

**Includes:** Nalgene 2 L HDPE bottle.

**Nalgene Beta Waste Container (with bottle)**

| Cat. No. | Capacity, L (oz.) | Dia. x H, cm (in.) | No. per Case |
|---|---|---|---|
| 6710-2000 | 2 (64) | 14.0 x 28.6 (11-1/4 x 5-1/2) | 1 |

# Thermo Scientific Nalgene Beta Waste Containers

## acrylic

**Nalgene™ Beta Waste Containers stop beta-emitting radioactive isotopes to protect lab workers.**

Completely enclose a large container holding solid or liquid radioactive waste. in this 3/8 in. (9 mm) thick collapsible acrylic beta waste container. Large hinged door on cover and hinged corners on sides allow for easy access to waste container. The leakproof tray contains spills.

### details

- Made of 3/8 in. (9 mm) thick acrylic – stops beta-emitting radioactive isotopes
- Transparent for easily viewing contents
- Can enclose a large container holding solid or liquid beta-radioactive waste
- Large hinged door on cover for easy access to waste container
- Hinged corners for removing container
- Leakproof tray contains spills, protecting the lab worker
- Large size accomodates a 20 L Nalgene carboy and standard office-sized trash cans
- Small size accomodates a 10 L Nalgene carboy
- Radiation/Transparent

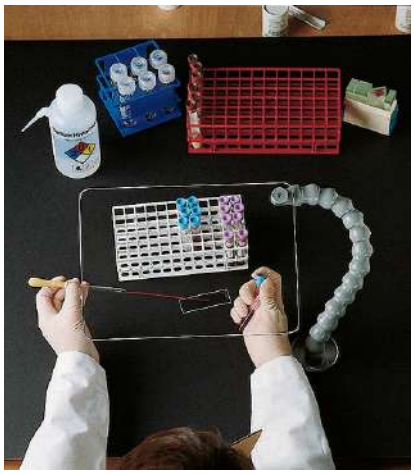
**WARNING!** Radioactive waste should never be stored on the benchtop for long periods of time and should be disposed of properly. Proper handling and storage of isotopes will minimize exposure to radiation. For standards related to exposure, refer to United States Nuclear Regulatory Commission Rules and Regulations, Title 10, Chapter 1, Part 20.

**Nalgene Beta Waste Containers**

| Cat. No. | Material | I.D., D x W x H, cm (in) | O.D., D x W x H, cm (in.) | Thickness, mm (in.) | No. per Case |
|---|---|---|---|---|---|
| 6745-0010 | Acrylic | 28.6 x 28.6 x 40.6 (11-1/4 x 11-1/4 x 16) | 33.0 x 33.0 x 43.2 (13 x 13 x 17) | 9 (3/8) | 1 |
| 6745-9024 | Acrylic | 40.6 x 40.6 x 73.6 (16 x 16 x 29) | 45.7 x 45.7 x 73.7 (18 x 18 x 29-3/8) | 9 (3/8) | 1 |

# Thermo Scientific Nalgene Safety Splash Shield

## polycarbonate, acetal flexible arm; magnetic base



**Nalgene™ Safety Splash Shield protects the user while simultaneously providing a clear field of vision.**

Attaches easily to benchtop shelving, machinery or other magnetic surfaces for convenient protection from splashes, aerosols and flying debris. The flexible arm is easy to maneuver and adjust without getting in the way so that you can comfortably work behind or beneath the protective shield with a clear view.

### details

- Protects user while providing a clear field of vision through durable, scratch-resistant 1/8 in. (3 mm) transparent polycarbonate
- Flexible 14 in. arm makes maneuvering shield over samples easy
- Magnetic base firmly grips to magnetic surfaces letting you position the shield horizontally (flat), vertically or on an overhead surface
- Provides UV protection from 200-360 nm for added versatility
- Biohazard/Transparent

**Compliance:** Meets OSHA 29CFR1910.1030 standard

**Warning:** Do not use with radioisotopes. Use Nalgene beta-radiation shields when working with beta-radioisotopes. Do not autoclave.

**Nalgene Safety Splash Shield**

| Cat. No. | Description | L x W, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6356-0001 | Safety Splash Shield | 28.0 x 21.5 (12 x 8-1/2) | 1 | 4 |

# Thermo Scientific Nalgene Faceshield

## polycarbonate, polyethylene headdress

**Nalgene™ Faceshield is adjustable and has an optically-clear window that provides impact protection and can be comfortably worn over safety glasses.**

This wraparound shield provides protection to your head and neck from exposure to UV light rays. It is useful in germicidal procedures, reading of chromatographic/electrophoretic strips and gels.

### details

- Adjustable, one-piece faceshield made of optically-clear 1/16 in. thick (0.15 cm) polycarbonate
- Wraparound design offers both front and side protection while height provides coverage from the bottom of the neck to the top of the head
- Features a comfortable and adjustable polyethylene headdress
- UV protection from 200 to 360 nm (UV radiation may cause the polycarbonate to develop a slight yellow/brown tint)
- Biohazard/Transparent

**Compliance:** Complies with OSHA 29CFR1910.1030 and ANSI Z87.1-1989 standards for use with bloodborne pathogens.

**Warning:** Do not use with radioisotopes. Use Nalgene beta-radiation shields when working with beta-radioisotopes. Do not autoclave.

**Nalgene Faceshield**

| Cat. No. | Lens Tint | Lens Material | L x W, cm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 6355-0001 | Clear | Polycarbonate | 29.5 x 20 | 1 | 4 |

# Thermo Scientific Nalgene Staining Boxes

## polymethylpentene box, polypropylene copolymer cover, low-density polyethylene plug

**Nalgene™ Staining Boxes allow you to stain, fix, destain and handle fragile electrophoresis gels and membranes with little chance of damage.**

Covered boxes hold most common size gels along with 500 to 750 mL of liquid.

Stain, fix, destain and handle electrophoresis gels and membranes with less chance of damage than conventional methods. Equipped with a bottom drain for solution changes without disturbing the box's other fragile contents.

### details

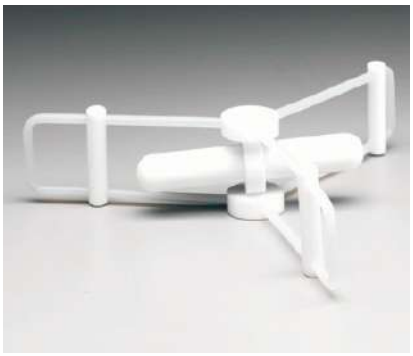
- Useful in a wide temperature range: -70° to +70°C
- Good chemical resistance to acids, bases and select organic solvents for a versatile range of protocols
- Plug in bottom allows easy drainage of liquid with minimal handling of gel and provides a leakproof seal; won't interfere with cover or contents on a benchtop shaker
- Boxes are stackable and have a handle on each end for safe, easy carrying
- Microwavable and easy to clean
- Replacement plug available

**Nalgene Staining Boxes**

| Cat. No. | Inside L x W, cm (in.) | No. per pkg | No. per Case |
|---|---|---|---|
| 5705-1010 | 12.5 x 12.5 (5 x 5) | 1 | 2 |
| 5705-2020 | 22.5 x 22.5 (9 x 9) | 1 | 2 |
| 715705-0001 | Replacement plug for staining boxes 5705-1010 and 2020 | 12 | 12 |

## Thermo Scientific Nalgene Suspended Magnetic Stir Bars

### Alnico V magnet encapsulated in Teflon® TFE, Tefzel™ ETFE bracket



**Nalgene™ Suspended Magnetic Stir Bars are designed for constant low-speed stirring action in tissue culture applications.**

Magnetic stir bars are ideal for tissue culture applications. The bar is slightly raised off the bottom surface of the vessel to minimize grinding effect on cells. Legs can be compressed to fit through small openings.

### details

- Legs can be compressed to fit through 1.5 in. (38 mm) openings
- Stir bar is slightly raised off the bottom surface of the vessel to minimize grinding effect on cells
- Consistant action at low speeds
- Excellent resistance to chemicals and temperatures up to 150°C
- Autoclavable/TFE

**Ordering Information:** Disassemble for cleaning.

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Suspended Magnetic Stir Bars**

| Cat. No. | Dia x H, mm (in.) | For Beaker, mL | No. per Pack | No. per Case |
|---|---|---|---|---|
| DS6630-0250 | 54 x 28 (2-1/8 x 1-1/8) | 250 | 1 | 1 |
| DS6630-1000 | 92 x 30 (3-5/8 x 1-3/16) | 1000 | 1 | 2 |
| DS6630-4000 | 155 x 31 (6-1/8 x 1-1/4) | 4000 | 1 | 2 |

## Thermo Scientific Nalgene Stirring Rod

### white polypropylene

**Nalgene™ stirring rods combine functions of a stirring rod and rubber policeman with a flat paddle at one end and a triangular paddle at the other end.**

Chemically compatible with a wide range of lab reagents.

### details

- Flat paddle, 1.6 x 1.6 cm (5/8 x 5/8 in.) at one end; triangular paddle at the other end
- Provides the functionality of both a stir rod and a rubber policeman in one convenient tool
- Overall length is 24.8 cm (9-3/4 in.), making it a convenient and conventional length for a wide variety of lab uses
- Suitable for heated applications over a wide range of temperatures (0°C to 135°C)
- Autoclavable

**Nalgene Stirring Rod**

| Cat. No. | Length, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|
| 6169-0010 | 248 (9-3/4) | 12 | 72 |

# Thermo Scientific Nalgene 180 Clear Plastic Tubing

## polyvinyl chloride

**Nalgene™ 180 Clear PVC Tubing is manufactured from the highest-grade resins and special plasticizers, and is available in 50, 100, 250 and 500 ft. cases.**

PVC tubing resists hardening, discoloration, and a wide range of chemicals.

### details

- Lab-grade, autoclavable clear tubing sets the standard for purity and quality, made from highest-grade resins and plasticizers
- Resists hardening and discoloration and a wide range of chemicals – demonstrates dimensional stability
- Equivalent to Tygon™ R-3603 tubing
- Marked with I.D. and regulatory compliance as well as at 12 in. intervals for easy identification and measurement (except as noted below)
- Durometer hardness is Shore A, 55
- Autoclavable/Transparent

**Compliance:** Meets Food Additives Amendment of the Federal Food, Drug, and Cosmetic Act; also USDA and U.S. Pharmacopeia Class VI requirements for plastic materials.

*Disclaimer: Not intended for medical use. Nalgene 180 and 980 PVC tubing contain DEHP [Bis (2-ethylhexyl)] phthalate, a commonly used plasticizer. It is known to the state of California Environmental Agency that this chemical causes cancer or reproductive toxicity.*

**Nalgene 180 Clear Plastic Tubing**

| Cat. No. | I.D. x O.D. x Wall, in. | Max Press psig at 73°F; 23°C | Max Press psig at 125°F; 52°C | Length per Case, ft. |
|---|---|---|---|---|
| 8000-0002* | 1/32 x 3/32 x 1/32 | 60 | 30 | 50 |
| 8000-0004* | 1/16 x 1/8 x 1/32 | 48 | 24 | 50 |
| 8000-0006* | 3/32 x 5/32 x 1/32 | 42 | 21 | 50 |
| 8000-0010* | 1/8 x 3/16 x 1/32 | 34 | 17 | 50 |
| 8000-9010* | 1/8 x 3/16 x 1/32 | 34 | 17 | 250 |
| 8000-0020 | 1/8 x 1/4 x 1/16 | 50 | 25 | 50 |
| 8000-9020 | 1/8 x 1/4 x 1/16 | 50 | 25 | 250 |
| 8000-0025* | 5/32 x 7/32 x 1/32 | 30 | 15 | 50 |
| 8000-0030 | 3/16 x 5/16 x 1/16 | 40 | 20 | 50 |
| 8000-9030 | 3/16 x 5/16 x 1/16 | 40 | 20 | 250 |
| 8000-0060 | 1/4 x 3/8 x 1/16 | 34 | 17 | 50 |
| 8000-4060 | 1/4 x 3/8 x 1/16 | 34 | 17 | 100 |
| 8000-9060 | 1/4 x 3/8 x 1/16 | 34 | 17 | 250 |
| 8000-5060 | 1/4 x 3/8 x 1/16 | 34 | 17 | 500 |
| 8000-0070 | 1/4 x 7/16 x 3/32 | 44 | 22 | 50 |
| 8000-0080 | 1/4 x 1/2 x 1/8 | 52 | 26 | 50 |
| 8000-4080 | 1/4 x 1/2 x 1/8 | 52 | 26 | 100 |

*** 5 x 10 ft. coils*

# Thermo Scientific Nalgene 180 Clear Plastic Tubing

## polyvinyl chloride, continued

**Nalgene 180 Clear Plastic Tubing**

| Cat. No. | I.D. x O.D. x Wall, in. | Max Press psig at 73°F; 23°C | Max Press psig at 125°F; 52°C | Length per Case, ft. |
|---|---|---|---|---|
| 8000-0090 | 5/16 x 7/16 x 1/16 | 30 | 15 | 50 |
| 8000-4090 | 5/16 x 7/16 x 1/16 | 30 | 15 | 100 |
| 8000-9090 | 5/16 x 7/16 x 1/16 | 30 | 15 | 250 |
| 8000-0100 | 5/16 x 1/2 x 3/32 | 40 | 20 | 50 |
| 8000-0110 | 5/16 x 9/16 x 1/8 | 46 | 23 | 50 |
| 8000-0120 | 3/8 x 1/2 x 1/16 | 26 | 13 | 50 |
| 8000-4120 | 3/8 x 1/2 x 1/16 | 26 | 13 | 100 |
| 8000-9120 | 3/8 x 1/2 x 1/16 | 26 | 13 | 250 |
| 8000-5120 | 3/8 x 1/2 x 1/16 | 25 | 13 | 500 |
| 8000-0130 | 3/8 x 9/16 x 3/32 | 36 | 18 | 50 |
| 8000-0140 | 3/8 x 5/8 x 1/8 | 44 | 22 | 50 |
| 8000-4140 | 3/8 x 5/8 x 1/8 | 44 | 22 | 100 |
| 8000-0160 | 7/16 x 5/8 x 3/32 | 34 | 17 | 50 |
| 8000-0180 | 1/2 x 5/8 x 1/16 | 22 | 11 | 50 |
| 8000-9180 | 1/2 x 5/8 x 1/16 | 22 | 11 | 250 |
| 8000-0190 | 1/2 x 11/16 x 3/32 | 28 | 14 | 50 |
| 8000-0200 | 1/2 x 3/4 x 1/8 | 34 | 17 | 50 |
| 8000-4200 | 1/2 x 3/4 x 1/8 | 34 | 17 | 100 |
| 8000-0260 | 5/8 x 7/8 x 1/8 | 28 | 14 | 50 |
| 8000-0310 | 3/4 x 1 x 1/8 | 26 | 13 | 50 |
| 8000-0350 | 1 x 1-1/4 x 1/8 | 22 | 11 | 50 |
| 8000-1350 | 1 x 1-1/4 x 1/8 | 22 | 11 | 50** |
| 8000-0370 | 1 x 1-3/8 x 3/16 | 28 | 14 | 50 |

*** 5 x 10 ft. coils*

For silicone tubing, **see page 63.**
For tubing fittings and connectors, **see page 69.**

# Thermo Scientific Nalgene 180 Clear Plastic Vacuum Tubing

## polyvinyl chloride

**Nalgene™ 180 Vacuum Tubing is thick-walled PVC to withstand a full vacuum (80 mm Hg) at room temperature.**

Available in seven sizes – 50 ft. or convenient 10 ft. boxes.

### details

- Withstands a full vacuum (760 mm Hg, 29.9 in. Hg))
- Autoclavable/Transparent

**Compliance:** Material is Food-Grade and complies with USP VI and USDA regulations.

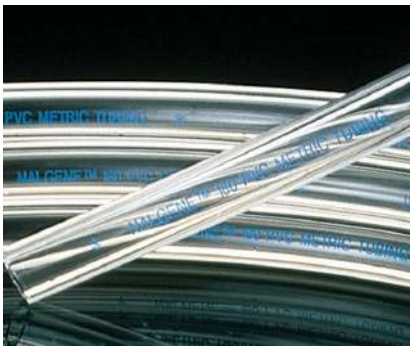
*Warning: Not intended for medical use. Nalgene 180 and 980 PVC tubing contains DEHP [Bis (2-ethylhexyl)] phthalate, a commonly used plasticizer. It is known to the state of California Envirnmental Agency that this chemical causes cancer or reproductive toxicity.*

**Nalgene 180 Clear Plastic Vacuum Tubing**

| Cat. No. | I.D. x O.D. x Wall, in | Max Press psig at 73°F; 23°C | Max Press psig at 125°F; 52°C | Length per Case, ft. |
|---|---|---|---|---|
| 8000-0055 | 3/16 x 9/16 x 3/16 | 62 | 31 | 50 |
| 8000-0065 | 1/4 x 5/8 x 3/16 | 56 | 28 | 50 |
| 8000-1065 | 1/4 x 5/8 x 3/16 | 56 | 28 | 10 |
| 8000-1090 | 5/16 x 7/16 x 1/16 | 30 | 15 | 50 |
| 8000-0145 | 3/8 x 7/8 x 1/4 | 54 | 27 | 50 |
| 8000-1145 | 3/8 x 7/8 x 1/4 | 54 | 27 | 10 |
| 8000-0210 | 1/2 x 1-1/8 x 5/16 | 52 | 26 | 50 |
| 8000-1210 | 1/2 x 1-1/8 x 5/16 | 52 | 26 | 10 |
| 8000-1270 | 5/16 x 1-3/8 x 3/8 | 56 | 28 | 10 |
| 8000-1325 | 3/4 x 1-1/2 x 3/8 | 46 | 23 | 10 |
| 8000-1375 | 1 x 2 x 1/2 | 46 | 23 | 10 |

# Thermo Scientific Nalgene 180 Clear Plastic Metric Tubing

## polyvinyl chloride



**Nalgene™ 180 PVC Metric Tubing is manufactured from the highest-grade resins and special plasticizers, and is available in true metric sizes for a leak-tight fit with metric connections.**

This PVC metric tubing eliminates leakage due to improper sizing. Labelled and marked for easy cutting except where noted.

### details

- Lab-grade, autoclavable clear tubing sets the standard for purity and quality, made from highest-grade resins and plasticizers
- Resists hardening and discoloration and a wide range of chemicals – demonstrates dimensional stability
- Excellent for a wide variety of benchtop applications, this tubing is transparent, nontoxic and non-contaminating
- Marked with I.D. and regulatory compliance as well as at regular intervals for easy identification and measurement except where noted below
- Durometer hardness is Shore A, 55
- Autoclavable

**Ordering Information:** In packs of 25 m, 10 m for largest size.

**Compliance:** Food-grade material complies with USP VI and USDA regulations.

**Warning:** Not intended for medical use. Nalgene 180 and 980 PVC tubing contains DEHP [Bis (2-ethylhexyl)] phthalate, a commonly used plasticizer. It is known to the state of California Environmental Agency that this chemical causes cancer or reproductive toxicity.

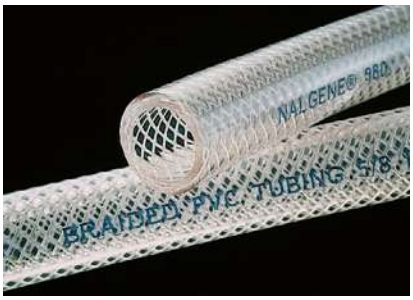
**Nalgene 180 Clear Plastic Metric Tubing**

| Cat. No. | I.D. x O.D. x Wall, mm | Max Press psig at 73°F; 23°C | Max Press psig at 125°F; 52°C | Length per Case, m |
|---|---|---|---|---|
| 8001-0102* | 1.0 x 2.0 x 0.5 | 100/690 | 50/345 | 25 |
| 8001-0204* | 2.0 x 4.0 x 1.0 | 100/690 | 50/345 | 25 |
| 8001-0305* | 3.0 x 5.0 x 1.0 | 80/552 | 40/276 | 25 |
| 8001-0406* | 4.0 x 6.0 x 1.0 | 66/455 | 33/228 | 25 |
| 8001-0407 | 4.0 x 7.0 x 1.5 | 86/593 | 43/296 | 25 |
| 8001-0508 | 5.0 x 8.0 x 1.5 | 74/510 | 37/255 | 25 |
| 8001-0609 | 6.0 x 9.0 x 1.5 | 66/455 | 33/228 | 25 |
| 8001-0610 | 6.0 x 10.0 x 2.0 | 80/552 | 20/276 | 25 |
| 8001-0710 | 7.0 x 10.0 x 1.5 | 60/414 | 30/207 | 25 |
| 8001-0811 | 8.0 x 11.0 x 1.5 | 54/372 | 27/186 | 25 |
| 8001-0812 | 8.0 x 12.0 x 2.0 | 66/455 | 33/228 | 25 |
| 8001-0913 | 9.0 x 13.0 x 2.0 | 62/427 | 31/214 | 25 |
| 8001-1014 | 10.0 x 14.0 x 2.0 | 56/386 | 28/193 | 25 |
| 8001-1216 | 12.0 x 16.0 x 2.0 | 50/345 | 25/172 | 25 |
| 8001-1520 | 15.0 x 20.0 x 2.5 | 50/345 | 25/172 | 10 |

** Not printed*

# Thermo Scientific Nalgene 980 Braided Clear Tubing

## polyvinyl chloride




**Nalgene™ 980 Braided Clear PVC Tubing is braided reinforced tubing designed for high-pressure applications.**

More flexible than most competitive reinforced PVC tubing, the Nalgene 980 braided tubing makes it easier to bend into place and permitting tighter compression of crimp fittings for a secure fit. Made with food-grade materials. Manufactured with strict ID tolerances. Marked with I.D. and operating pressure (blue imprinting) for easy identification and reordering.

### details

- Doesn't impart taste making it desirable for food use
- Durometer (Shore A) of 65 makes this tubing more flexible than many competitive reinforced tubings
- Added flexibility makes it easier to bend and permits tighter compression of crimp fittings
- Marked with inside diameter and maximum working pressure for easy reordering
- Designed with braided reinforcement for high-pressure applications
- Excellent for use with weak acids, weak bases and salt solutions

**Ordering Information:** In pack of 50 ft. (15.2 m).

**Compliance:** Meets FDA regulations for food use; 21 CFR for food packaging.

**Warning:** Not intended for medical use. Nalgene 180 and 980 PVC tubing contains DEHP [Bis (2-ethylhexyl)] phthalate, a commonly used plasticizer. It is known to the state of California Environmental Agency that this chemical causes cancer or reproductive toxicity.

*Notes: Not recommended for vacuum applications.*

**Nalgene 980 Braided Clear Tubing**

| Cat. No. | I.D. x O.D. x Wall, in. | Max. Press. psig at 73°F; 23°C | Max. Press. psig at 125°F; 52°C | Length per Case, ft. |
|---|---|---|---|---|
| 8005-0040 | 3/16 x 3/8 x 3/32 | 276 | 138 | 50 |
| 8005-0070 | 1/4 x 7/16 x 3/32 | 276 | 138 | 50 |
| 8005-0100 | 5/16 x 1/2 x 3/32 | 276 | 138 | 50 |
| 8005-0130 | 3/8 x 9/16 x 3/32 | 250 | 125 | 50 |
| 8005-0190 | 1/2 x 3/4 x 1/8 | 230 | 115 | 50 |
| 8005-0260 | 5/8 x 7/8 x 1/8 | 230 | 115 | 50 |
| 8005-0310 | 3/4 x 1 x 1/8 | 176 | 88 | 50 |
| 8005-0360 | 1 x 1-5/16 x 5/32 | 140 | 70 | 50 |

# Thermo Scientific Nalgene 280 Tubing

## polyurethane

**Nalgene™ 280 Polyurethane Tubing is an ester-grade tube that is ideal for high-purity work.**

Exhibits excellent abrasion resistance, low-temperature resilience, and flex-fatigue resistance. Contains no plasticizers and low levels of extractables. Resistant to atmospheric ozone, aliphatic hydrocarbons and petroleum products. Ideal for peristaltic pump applications.

### details

- Contains no plasticizers and only low levels of extractables for high-purity applications
- Superior chemical resistance to fuels, oils, and some solvents (not recommended for aqueous solutions)
- Resistant to atmospheric ozone, aliphatic hydrocarbons and petroleum products for longer life and versatility
- Marked every 12 inches for convenient cutting
- Transparent

*Note:s Not autoclavable; can be gas sterilized.*

**Nalgene 280 Tubing**

| Cat. No. | I.D x O.D x Wall, in. | Max. Press. psig at 73°F; 23°C | Max. Press. psig at 125°F; 52°C | Length per Case, ft. |
|---|---|---|---|---|
| 8030-0060 | 1/4 x 3/8 x 1/16 | 76 | 38 | 50 |
| 8030-0120 | 3/8 x 1/2 x 1/16 | 56 | 28 | 50 |

For silicone tubing, **see page 63.**
For tubing fittings and connectors, **see page 69.**

# Thermo Scientific Nalgene 489 Tubing

## linear low-density polyethylene

**Nalgene™ 489 Linear Low-Density Polyethylene Tubing is highly suitable for laboratory and industrial use.**

Economically priced. Food-grade materials comply with 21 CFR 177.1520 for food packaging. Translucence allows fluid levels to be easily seen. Less flexible than Nalgene 180 tubing but can be bent to facilitate set-ups. Superior chemical resistance.

### details

- Semi-rigid tubing (Durometer 50 Shore D) is economically priced and excellent for laboratory and industrial use
- Non-toxic, odorless and tasteless, this food-grade tubing complies with 21 CFR 177.1520 for food packaging
- Tubing can be bent to facilitate set-ups and can be chemically sterilized for repeatable use
- Superior chemical resistance

**Compliance:** Complies with FDA regulations for food use.

*Notes: Does not comply with NSF Standard 51 for Food Zone Use.*

**Nalgene 489 Tubing**

| Cat. No. | I.D. x O.D. x Wall, in. | Max. Press. psig at 73°F; 23°C | Max. Press. psig at 145°F; 63°C | Length per Case, ft. |
|---|---|---|---|---|
| 8010-0125 | 1/8 x 1/4 x 1/16 | 358 | 179 | 100 |
| 8010-0250 | 1/4 x 3/8 x 1/16 | 214 | 107 | 100 |
| 8010-0375 | 3/8 x 1/2 x 1/16 | 152 | 76 | 100 |
| 8010-0500 | 1/2 x 5/8 x 1/16 | 118 | 59 | 100 |
| 8010-0625 | 5/8 x 3/4 x 1/16 | 96 | 48 | 100 |
| 8010-1000 | 1 x 1-1/4 x 1/8 | 120 | 60 | 50 |

# Thermo Scientific Nalgene 689 Tubing

## polypropylene

**Nalgene™ 689 Polypropylene Tubing is translucent and semi-rigid.**

Polypropylene tubing with durometer of 75 (Shore D) exhibits excellent chemical resistance to many acids and alkalis. Unaffected by most solvents at ambient temperatures. Food-Grade materials comply with 21 CFR 177.1520 for food packaging.

### details

- Unaffected by most solvents at ambient temperatures
- Semi-rigid Durometer 75 (shore D)
- Autoclavable

**Compliance:** Food-Grade materials comply with 21 CFR 177.1520 for food packaging.

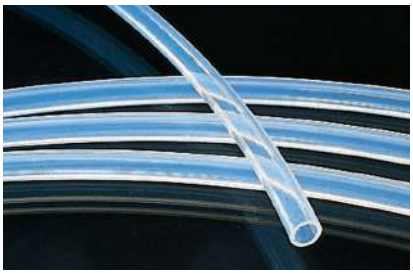
*Alert: Should not be exposed to halogenated hydrocarbons for an extended period.*

**Nalgene 689 Tubing**

| Cat. No. | I.D x O.D x Wall, in. | Max. Press. psig at 73°F; 23°C | Max. Press. psig at 125°F; 52°C | Length per Case, ft. |
|---|---|---|---|---|
| 8020-0250 | 3/16 x 1/4 x 1/32 | 110 | 55 | 100 |
| 8020-0370 | 1/4 x 3/8 x 1/16 | 272 | 136 | 100 |
| 8020-0500 | 3/8 x 1/2 x 1/16 | 194 | 97 | 100 |
| 8020-0625 | 1/2 x 5/8 x 1/16 | 450 | 75 | 100 |

# Thermo Scientific Nalgene 870 Tubing

## Teflon® PFA



**Nalgene™ Teflon® 870 PFA Tubing is tough and exhibits high chemical- and corrosion-resistance.**

Translucent tubing is excellent for low-pressure use with mechanical, compression-type fittings at room temperature. Excellent for use in a very wide temperature range (-270°C to 260°C) with low water absorption. Food-grade materials comply with 21 CFR 177.1520 for food packaging. Can be sterilized by autoclaving, gas, dry heat and disinfectants.

### details

- Semi-rigid (60 Shore D; approximately 99 Shore A)
- Wider temperature range -270° to +260°C (-518° to +500°F)
- High level of inertness for high purity applications
- Sterilization by autoclaving, gas, dry heat and disinfectants
- Superior non-stick charascteristics eases movement of viscous, aggressive liquids
- Autoclavable/PFA

**Ordering Information:** Two 25-ft. coils per case, except larger sizes.

**Compliance:** Food-grade materials comply with 21 CFR 177.1550 for food use.

*Notes: Do not sterilize by radiation. Should not be used with molten alkali metals, elemental fluorine and fluorine precursors at elevated temperatures or concentrated perchloric acid.*

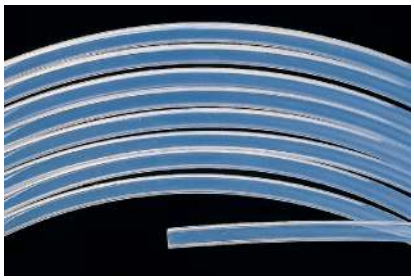
*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene 870 Tubing**

| Cat. No. | I.D. x O.D. x Wall, in. | Max. Press. psig at 73°F; 23°C | Max. Press. psig at 185°F; 85°C | Length per Pack, ft. | Length per Case, ft. |
|---|---|---|---|---|---|
| 8051-0125 | 1/16 x 1/8 x 1/32 | 478 | 239 | 25 | 50 |
| 8051-0187 | 1/8 x 3/16 x 1/32 | 274 | 137 | 25 | 50 |
| 8051-0250 | 5/32 x 1/4 x 3/64 | 290 | 145 | 25 | 50 |
| 8051-0375 | 1/4 x 3/8 x 1/16 | 248 | 124 | 25 | 25 |
| 8051-0500 | 3/8 x 1/2 x 1/16 | 170 | 85 | 25 | 25 |

# Thermo Scientific Nalgene 890 Tubing

## Teflon® FEP



**Nalgene™ 890 Teflon® FEP Tubing is compatible with most known chemicals at room temperature and offers high temperature resistance.**

Translucent and semi-rigid tubing is used for demanding lab applications such as: chromatography, trace metal analysis, pollution sampling, highly reactive catalyst procedures, metallurgical corrosion testing, pharmaceutical work, dissolutions and hot acid etchings, or where binding/adsorption is a problem. Superior non-stick characteristics eases movement of viscous, aggressive compounds. Can be sterilized by autoclaving, gas, dry heat and disinfectants.

### details

- Use for demanding lab applications where binding/adsorption is a problem
- Superior non-stick characteristics eases movement of viscous, aggressive compounds
- Can be sterilized by autoclaving, gas, dry heat and disinfectants
- Autoclavable

**Ordering Information:** Packaged in two 25-ft. (7.6 m) lengths per case.

**Compliance:** Meets FDA 21 CFR 177.1550 for food contact.

*Notes: Do not sterilize by radiation.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene 890 Tubing**

| Cat. No. | I.D. x O.D. x Wall, in. | Max. Press. psig at 73°F; 23°C | Max. Press. psig at 185°F; 85°C | Length per Pack, ft. | Length per Case, ft. |
|---|---|---|---|---|---|
| 8050-0125 | 1/16 x 1/8 x 1/32 | 440 | 220 | 25 | 50 |
| 8050-0187 | 1/8 x 3/16 x 1/32 | 250 | 125 | 25 | 50 |
| 8050-0250 | 3/16 x 1/4 x 1/32 | 140 | 70 | 25 | 50 |
| 8050-0310 | 1/4 x 5/16 x 1/32 | 104 | 52 | 25 | 50 |
| 8050-0375 | 5/16 x 3/8 x 1/32 | 84 | 42 | 25 | 50 |
| 8050-0437 | 3/8 x 7/16 x 1/32 | 70 | 35 | 25 | 50 |
| 8050-0500 | 7/16 x 1/2 x 1/32 | 60 | 30 | 25 | 50 |
| 8050-0562 | 1/2 x 9/16 x 1/32 | 52 | 26 | 25 | 50 |

## Selection Guide for Thermo Scientific Nalgene Tubing Products

| Material | ASTM | 180 | 980 | 890 | 870 | 50/65 | 280 | 489 | 689 |
|---|---|---|---|---|---|---|---|---|---|
| Resin | | PVC | PVC, Reinforced | FEP | PFA | Silicone, Platinum cured | PUR, Ester | LLDPE | PP |
| Equivalence | | Tygon® R-3603 | Tygon® B-44-4X I.B. | | | | | | |
| Regulatory Compliance | | USDA, Food-grade USP VI | USDA, Food-grade | USDA, Food-grade | USDA, Food-grade | USDA, Food-grade, 3-A, USP VI | N/A | USDA, Food-grade | USDA, Food-grade |
| Durometer (Shore) | D2240 | 55 (A) | 65 (A) | 58 (D) | 60 (D) | 50 (A)/65 (A) | 85 (A) | 50 (D) | 75 (D) |
| Specific Gravity | D792 | 1.19 | 1.20 | 2.17 | 2.15 | 1.15 | 1.18 | 0.92 | 0.90 |
| Operating Temp Range (°F) | D789 | -25 to 160 | -5 to 180 | -103 to 400 | -454 to 500 | -80 to 450 | -70 to 185 | -100 to 175 | 25 to 250 |
| Operating Temp Range (°C) | D2117 D746 | -32 to 71 | -21 to 82 | -75 to 205 | -268 to 260 | -62 to 232 | -56 to 85 | -73 to 79 | -4 to 121 |
| Vacuum | | Very Low† | No Vac. | Full Vac. | Full Vac. | No Vac. | Very Low | Full Vac. | Full Vac. |
| Sterilization* | | Autoclave Gas Chemical | Gas Chemical | Autoclave Gas Chemical | Autoclave Gas Chemical | Autoclave Gas Chemical Radiation | Gas | Gas Chemical | Autoclave |
| Tensile Strength, psi | D638 D412 | 1650 | 2000 | 3000 | 3000 | 1250 | 6000 | 1700 | 3700 |
| Color | | Cystal Clear | Clear | Transparent | Transparent | Translucent | Transparent | Translucent | Translucent |
| Odor | | Slight | Slight | None | None | None | Slight | Slight | None |
| Taste Imparted | | None | None | None | None | None | None | None | None |
| Tear Strength | | Good | Very Good | Good | Good | Fair | Excellent | Very Good | Excellent |
| Bend Radius | | 4 x O.D. | 6 x O.D. | 8 x O.D. | 10 x O.D. | 4 x O.D. | 6 x O.D. | 8 x O.D. | 10 x O.D. |
| Elongation, (%) | D638 D412 | 450 | 350 | 300 | 300 | 750 | 550 | 600 | 200 |
| Flame Resistance | D568 | Self-ext. | Self-ext. | Self-ext. | Self-ext. | Burns | Burns | Slow Burn | Slow Burn |
| Abrasion Resistance | | Very Good | Good | Very Good | Very Good | Fair | Excellent | Good | Excellent |
| Corrosion Resistance | | Excellent | Excellent | Excellent | Excellent | Good | Excellent | Excellent | Excellent |
| Permeability** $N_2$<br>$O_2$<br>$CO_2$ | | 0.5 - 2<br>1 - 6<br>10 - 35 | 0.5 - 2<br>1 - 6<br>10 - 35 | 20<br>60<br>135 | 18<br>65<br>150 | 2,765<br>7,960<br>20,130 | 0.3 - 5<br>1 - 10<br>4 - 25 | 20<br>60<br>280 | 425<br>25<br>90 |

*†Except 180 PVC Vacuum Tubing*

***Sterilization Guidelines:**

- Autoclaving (121°C, 15 psig for 20 minutes) – Clean and rinse item with distilled water before autoclaving. Certain chemicals that have no appreciable effect on resins at room temperature may cause deterioration at autoclaving temperatures unless removed with distilled water beforehand.
- Gas – ethylene oxide, formaldehyde.
- Disinfectants – benzalkonium chloride, formalin, ethanol, etc.
- Dry Heat – 170°C (338°F).
- Radiation – gamma irradiation at 2.5 Mrad with unstabilized plastic.

***Permeability (approx.) – Units:*

$$\left\{ \frac{\text{cc} - \text{mm}}{\text{sec-cm}^2 \text{ - cm Hg}} \right\} \times 10^{-10}$$

*Not intended for medical or medical device use.*
*Nalgene 180 and 980 PVC Tubing contain DEHP [Bis (2-ethylhexyl)] phthalate, a commonly used plasticizer.*
*It is known to the state of California Environment Protection Agency that this chemical causes cancer or reproductive toxicity.*

*Note: Burial of tubing not recommended. Tubing should be encased in a pipe. For detailed physical and/or chemical properties information, contact Technical Support or visit our website at http://www.thermoscientific.com. Tygon® and PharMed® are registered trademarks of Saint-Gobain. Performance Plastics.*

## Chemical Resistance

| Material | 180 | 980 | 890 | 870 | 50/65 | 280 | 489 | 689 |
|---|---|---|---|---|---|---|---|---|
| Acids – Weak | E | E | E | E | E | F | E | E |
| Acids – Strong | F | F | E | E | G | N | E | E |
| Alcohol – Aliphatic | G | G | E | E | G | N | E | E |
| Aldehydes | N | N | E | E | N | F | G | G |
| Bases – Weak | E | E | E | E | E | G | E | E |
| Bases – Strong | G | G | E | E | G | F | G | G |
| Esters | N | N | E | E | F | N | G | G |
| Hydrocarbons – Aliphatic | F | F | E | E | N | E | F | G |
| Hydrocarbons – Aromat | icN | N | E | E | N | N | F | F |
| Hydrocarbons – Halogenat | edN | N | E | E | N | N | N | F |
| Ketones | N | N | E | E | N | N | G | G |
| Oxidizing Agents – Strong | F | F | E | E | G | N | F | F |

*Before using Nalgene tubing with a particular chemical, it is strongly advised that you test it under your own conditions. If any doubt exists regarding a particular application, contact Technical Service.*
*E – 30 days of constant exposure causes no damage.*
*G – Little or no damage after 30 days of constant exposure to the reagent.*
*F – Some effect after 7 days of constant exposure to the reagent.*
*N – not recommended for continuous use.*

## Recommended Applications

| Material | 180 | 980 | 890 | 870 | 50/65 | 280 | 489 | 689 |
|---|---|---|---|---|---|---|---|---|
| Dairy | X | | | | | | X | |
| Food & Beverage | X | | | | X | | X | X |
| Machinery | | X | | | | X | X | X |
| Dental* | X | X | | | | | | |
| Office Machines/Computers | | X | X | X | | X | | |
| Refrigeration | | X | X | X | | | X | |
| Transportation | | X | | | | X | | |
| Environmental | X | | X | X | X | | | |
| Instrumentation | X | X | | | | X | X | X |
| Biotech/Pharmaceutical* | X | | X | X | X | | | |
| Peristaltic Pumps | X | | | | X | | | |

*Nalgene tubing is not a medical device as defined by Class VI criteria set forth in the current US Pharmacopeoia, as amended.*

## Tolerences

| Inches<br>Diameter | 180<br>Inside ± (in) | 980<br>Inside ± (in) | 280/290<br>Inside ± (in) | 489/689<br>Outside ± (in) | 870/890<br>Outside ± (in) | 50/65<br>Inside ± (in) |
|---|---|---|---|---|---|---|
| 1/16 and under 1/8 | .003 | – | .005 | .007 | .003 | .005 |
| 1/8 and under 5/16 | .008 | .012 | .009 | .007 | .003 | .005 |
| 5/16 and under 1/2 | .010 | .012 | .012 | .007 | .004 | .008 |
| 1/2 and under 3/4 | .010 | .015 | .018 | .010 | .005 | .015 |
| 3/4 and under 1-1/8 | .015 | .015 | .025 | .015 | – | .020 |
| 1-1/8 and under 1-3/4 | .020 | .020 | .035 | .020 | – | – |
| 1-3/4 and under 2-1/2 | .031 | .031 | – | .035 | – | – |
| **Wall Thickness** | | | | | | |
| 0 to 1/16 | .003 | – | .005 | .006 | .003 | .005 |
| 1/16 to 1/8 | .003 | – | .006 | .008 | .003 | .005 |
| 1/8 to 1/4 | .005 | – | .009 | – | – | – |
| 1/4 to 3/8 | .010 | – | – | – | – | – |
| 3/8 to 1/2 | .015 | – | – | – | – | – |

| Metric<br>Diameter | 180<br>Inside ± (mm) | 980<br>Inside ± (mm) | 280/290<br>Inside ± (mm) | 489/689<br>Outside ± (mm) | 870/890<br>Outside ± (mm) | 50/65<br>Inside ± (mm) |
|---|---|---|---|---|---|---|
| 1.6 and under 3.2 | .08 | – | .13 | .18 | .08 | .13 |
| 3.2 and under 7.9 | .13 | .32 | .24 | .18 | .08 | .13 |
| 7.9 and under 12.7 | .20 | .32 | .32 | .18 | .10 | .21 |
| 12.7 and under 19.1 | .26 | .39 | .48 | .26 | .13 | .38 |
| 19.1 and under 28.4 | .39 | .39 | .65 | .39 | – | .50 |
| 28.4 and under 44.5 | .52 | .52 | .91 | .52 | – | – |
| 44.5 and under 63.5 | .79 | .79 | – | .91 | – | – |
| 63.5 and under 76.2 | 1.17 | – | – | – | – | – |
| 76.2 and under 101.6 | 1.58 | – | – | – | – | – |
| **Wall Thickness** | | | | | | |
| 0 to 1.6 | .08 | – | .13 | .16 | .08 | .13 |
| 1.6 to 3.2 | .08 | – | .16 | .20 | .08 | .13 |
| 3.2 to 6.4 | .13 | – | .24 | – | – | .21 |
| 6.4 to 9.5 | .26 | – | – | – | – | – |
| 9.5 to 12.7 | .39 | – | – | – | – | – |

# Thermo Scientific Nalgene Vacuum Chamber

## polycarbonate or polyetherimide jar, white polypropylene or polycarbonate plate

**Nalgene™ Vacuum Chambers withstand full vacuum without risk of implosion or shattering.**

Useful as a controlled environment chamber for degassing operations and freeze drying.

### details

- Withstands a full vacuum without risk of implosion or shattering
- Useful as a controlled environment chamber for degassing operations and freeze drying
- Transparent

**Includes:** Transparent PC or Amber PEI bell jar; Gasketed white polycarbonate or polypropylene vacuum plate.

**Warning:** Do not expose jar to partially halogenated hydrocarbons or their vapors. Avoid direct exposure of all chemicals to the polycarbonate plate. Do not autoclave when used for vacuum service. Do not use Cat. No. 5305-0609 with organic solvents, acids or bases.

**Nalgene Vacuum Chamber**

| Cat. No. | Jar Material | Capacity, L (gal.) | Plate Material | Outside Jar Dia. x Height, mm (in.) | Plate O.D., mm | Gasket O.D., mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|---|---|---|
| 5305-0609 | PC | 4.7 (1-1/4) | PP | 170 x 237 (6-5/8 x 9-3/8) | 211 | 178 | 1 | 2 |
| 5305-0910 | PEI | 8.3 (2-1/8) | PC | 222 x 253 (8-3/4 x 10) | 330 | 321 | ---- | 1 |
| 5305-1212 | PEI | 18.9 (5) | PC | 305 x 304 (12 x 12) | 330 | 321 | ---- | 1 |

# Thermo Scientific Nalgene Replacement Plates for Vacuum Chambers

## polypropylene or polycarbonate, neoprene gasket

**Nalgene™ vacuum chamber replacement plates are molded of white polypropylene or polycarbonate, with neoprene gaskets.**

### details

- For use with Nalgene Vacuum Chambers (Cat. No. 5305 series), Nalgene Replacement Bell Jars (Cat. No. DS5320 series), or with glass bell jars up to 12-1/2 in. (31.75 cm) in diameter
- Supplied with 3/32 in. thick (2.4 mm) neoprene gaskets
- Tubing adapter conveniently located on rim of plate, fits 1/4 in. I.D. (6 mm) tubing

**Nalgene Replacement Plates for Vacuum Chambers**

| Cat. No. | For Use With | O.D. x thickness, mm (in.) | Gasket O.D, cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| **White Polypropylene** | | | | | |
| 5306-0070 | 5305-0609 | 211 x 27 (8-5/16 x 1-1/16) | 20 (8) | 1 | 6 |
| **White Polycarbonate** | | | | | |
| 5306-0130 | DS5320-0910, DS5320-1212 | 343 x 27 (13-1/2 x 1-1/16) | 20, 28, 33 (8, 11, 13) | 1 | 4 |

# Thermo Scientific Nalgene Replacement Vacuum Jars

## polyetherimide

**Nalgene™ Replacement Vacuum Jars are chemical-resistant and have a warm amber cast.**

Weigh less than glass and may be used for demanding service.

### details

- Identical to jars included with Cat. Nos. 5305-0910 and 5305-1212
- Lighter weight than glass, easier to handle and won't break, chip or shatter
- Designed to withstand demanding service
- Transparent

**Ordering Information:** Jar only; plate and gaskets must be ordered separately

**Alerts:** Do not autoclave vacuum jars when used for vacuum service. Do not use with unsaturated halogenated hydrocarbons.

**Nalgene Replacement Vacuum Jars**

| Cat. No. | Capacity, L (gal.) | O.D. x H, mm | No. per Case |
|---|---|---|---|
| DS5320-0910 | 8.3 (2-1/8) | 222 x 253 | 1 |
| DS5320-1212 | 18.9 (5) | 305 x 304 | 1 |

# Thermo Scientifc Nalgene Repairable Hand-Operated Vacuum Pumps without Gauge

## polyvinyl chloride body

**Nalgene™ Hand Vacuum Pumps require only one hand to operate, and vacuum is released with the touch of an index finger.**

New handle design makes these pumps more durable and ergonomic. They quickly attain and hold vacuum of 25 in. (635 mm Hg.). Adjustable vacuum release rate. This economy version is ideal for field or lab use.

### details

- Quickly attain and hold vacuum of 25 in. (635 mm) Hg
- Easy and convenient operation
- Adjustable vacuum release rate provides control
- Full blank port pressure is obtained with only two strokes, making operation efficient
- Removable cover on exhaust port and trigger to release vacuum without disconnecting pumps from the line
- Without vacuum gauge – economical design
- Adjustable vacuum release rate controlled by trigger on pump
- Nozzle fits standard 1/4 in. I.D. tubing
- Can be disassembled for repair and replacement of internal parts (see catalog numbers for repair kits in the table below

**Includes:** Supplied with 2 ft. length of Clear Plastic Tubing.

**Nalgene Repairable PVC Hand Pump without Gauge**

| Cat. No. | Use with Repair Kit: | Size | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6131-0010 | 6132-2000 | 15 cc/stroke | 1.0 | 4.0 |
| 6131-0020 | 6132-3000 | 36 cc/stroke | 1.0 | 4.0 |

## Thermo Scientific Nalgene Repairable Hand-Operated Vacuum Pumps with Gauge

### polyvinylchloride body

**Nalgene™ Repairable Hand-Operated Vacuum Pumps with Gauge are ideal for siphoning, filtration, liquid transfer, bleeding fluid lines and checking for leaks.**

Lightweight units are sealed and self-lubricating with removable covers on exhaust port and trigger to release vacuum without disconnecting pumps from the line. New handle design is more durable and ergonomic. Quickly attain and hold vacuum of 25 in. (635 mm) Hg. Vacuum trigger release requires only one hand to operate and releases vacuum with the touch of an index finger. Adjustable vacuum release rate.

#### details

- Gauge monitors vacuum in kPa and inches of mercury for visual indication of pump rate and progress
- Quickly attain and hold vacuum of 1/4 in. (635 mm) Hg
- Easy and convenient operation
- Adjustable vacuum release rate provides control
- Full blank port pressure is obtained with only two strokes, making operation efficient
- Removable cover on exhaust port and trigger to release vacuum without disconnecting pumps from the line
- Adjustable vacuum release rate controlled by trigger on pump
- Nozzle fits standard 1/4 in. I.D. tubing
- Can be disassembled for repair and replacement of internal parts (see catalog numbers for repair kits)

**Includes:** 2 ft. (0.6 m) Nalgene 180 clear plastic tubing.

**Nalgene Repairable PVC Hand Pump with Gauge**

| Cat. No. | Size | Use with Repair Kit: | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6132-0010 | 15cc/stroke | 6132-2000 | 1.0 | 4.0 |
| 6132-0020 | 36cc/stroke | 6132-3000 | 1.0 | 4.0 |

## Thermo Scientific Nalgene Repairable PVC Hand-Operated Vacuum Pump Repair Kits

*Cat. No. 6132-2000*

*Cat. No. 6132-3000*

**Everything you need to maintain and repair the internal parts of your Nalgene™ Cat. Nos. 6131-series and 6132-series hand pumps for extended hand pump life**

**Includes:** Instructions for maintenance and repair.

**Nalgene Repair Kit for PVC Hand Pumps**

| Description | Size | No. per Pack | No. per Case |
|---|---|---|---|
| 6132-2000 | Repair Kit for Style 15cc PVC Hand Pumps | 1 | 4 |
| 6132-3000 | Repair Kit for Style 36cc PVC Hand Pumps | 1 | 4 |

## Thermo Scientific Nalgene Repairable Hand-Operated Pump with Gauge
### zinc/aluminum

**Nalgene™ Repairable Hand-Operated Pump with Guage is a multi-purpose vacuum/pressure pump.**

New-style handle is more ergonomic and easy to operate. Cast in corrosion resistant zinc/aluminum and can be disassembled for repair or replacement of internal parts. Hand pump quickly and easily attains a vacuum of 25 in. (635 mm) Hg or a pressure of 30 psi (35kPa).

### details

- Ergonomic handle design makes this pump easier on the hands
- Versatile flip of a lever allows you to change from vacuum to pressure.
- Easily attains a vacuum of 25 in. (635 mm) Hg or a positive pressure of 30 psig (35 kPa)
- Features a pumping rate of 15 cc/stroke
- Full blank pressure with only two strokes makes this hand pump efficient and ergonomic
- Trigger releases vacuum or pressure without disconnecting the tubing for added convenience, efficiency and ergonomics
- Gauge is calibrated in inches of Mercury and in kPa
- Attaches to 1/4 in. (63.5 cm) I.D. flexible tubing. Includes a 2 ft. (0.7 m) length of clear PVC tubing
- Use repair kit 6133-2000 for maintenance and repair of internal parts to extend hand pump life-time

**Includes:** Instructions for maintenance and repair.

**Nalgene Repairable Metal Hand Pump**

| Cat. No. | For use with 6133-0010 | No. per Pack | No. per Case |
|---|---|---|---|
| 6133-0010 | 15 cc/stroke | 1 | 4 |

## Thermo Scientific Nalgene Metal Hand-Operated Vacuum Pump Repair Kit

**Nalgene™ Metal Hand-Operated Vacuum Pump Repair Kit includes everything necessary to perform maintenance on the new style Nalgene repairable zinc/aluminimum hand pumps (manufactured 2009 and later).**

The new style hand pumps are most easily recognized by their smooth profile, ergonomic handles (as pictured in Cat. No. 6133-0010 listing).

### details

- Everything you need to maintain and repair the internal parts of your Nalgene Cat. No. 6133-0010 metal hand pump (new style with smooth, curved profile handle only; not compatible with old-style hand pumps) for extended hand pump life

**Includes:** Instructions for maintenance and repair.

**Nalgene Repair Kit for Metal Hand Pump**

| Cat. No. | For use with | No. per Pack | No. per Case |
|---|---|---|---|
| 6133-1000 | Repair Kit for 6133 ZN | 1 | 4 |
| 6133-2000 | Repair Kit for Metal Hand Pump | 1 | 4 |

# Thermo Scientific Nalgene Vacuum Pump Aspirator

## polypropylene, polyethylene tubing

**Nalgene™ Vacuum Pump Aspirator attaches directly to sink faucets for vacuum draw.**

Can draw 11.5 L air per minute at a water flow rate of 6.5 L per minute. Operates efficiently with water pressures as low as 7.5 psig for minimum water consumption. Comes with an integral check valve and tubing for insertion in discharge end.

### details

- Attaches to a standard faucet with 3/8 in. NPT connecting thread for easy installation
- Maximum free air pumping capacity of 11.5 L per minute with a water flow rate of 6.5 L per minute.
- Ultimate achievable vacuum of 28-1/2 in. (724 mm) Hg
- Discharge end equipped with 4-3/4 in. (12 cm ) length of tubing to direct discharge water toward the drain or to allow attachment to additional discharge tubing
- Integral check valve prevents loss of vacuum when water source is disrupted and prevents backflow

**Includes:** Integral check valve, 3/8 in. NPT connecting thread, 4-3/4 in. (12 cm) of tubing.

**Nalgene Vacuum Pump Aspirator**

| Cat. No. | Ultimate Vacuum, in. | No. per Pack | No. per Case |
|---|---|---|---|
| 6140-0010 | 28-1/2 Hg | 1 | 24 |

# Thermo Scientific Nalgene Sample Vials with Closure

## linear low-density polyethylene

**Nalgene™ Sample Vials have a friction-fit, snap closure.**

Useful for samples, pH cups, weighing vessels and packing applications. Will not shatter like glass or polystyrene vials.

### details

- Straight sided vials allow easy access for filling and emptying
- Friction-fit closures are completely removable and snap in place for convenient vial access
- Translucent wall allow user to see vials are filled or empty
- Low density polyethylene is impact resistant and shatter-proof even at temperatures down to -100°C

**Nalgene Sample Vials with Closure**

| Cat. No. | Capacity, mL | O.D. with Closure, mm | Height with Closure, mm | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 6250-0005 | 5 | 23.6 | 24.9 | 12 | 144 |
| 6250-0012 | 12 | 27.1 | 35.6 | 12 | 144 |
| 6250-0018 | 18 | 27.1 | 52.6 | 12 | 144 |
| 6250-9028 | 28 | 27.1 | 84.6 | 12 | 144 |
| 6250-9050 | 50 | 37.3 | 70.9 | 12 | 144 |
| 6250-9075 | 75 | 37.3 | 107.3 | 12 | 144 |

**Select the perfect container for your application.**

Go to: **www.thermoscientific.com/nalgenecontainers** or download our free apps from iTunes or the Android market – search *Nalgene Bottles.*

# Thermo Scientific Nalgene Economy Wash Bottles

## low-density polyethylene bottle, polypropylene screw closure/stem; polypropylene copolymer draw tube

**Nalgene™ Economy Wash Bottles are designed to dispense through the top with a closure and stem molded in one piece for uniform leakproof service.**

Tip can be cut back to increase flow. Tight fit of draw tube and closure prevents separation when squeezing bottle.

### details

- Designed to dispense uniformly through the top with a closure and stem molded in one piece for leakproof service and a straight, steady stream
- Tip can be cut back to provide increased flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Fully assembled
- Leakproof†

**Nalgene Economy Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2401-0125 | 125 (4) | 24 | 6 | 48 |
| 2401-0250 | 250 (8) | 24 | 6 | 36 |
| 2401-0500 | 500 (16) | 28 | 6 | 24 |
| 2401-1000 | 1000 (32) | 38-430 | 4 | 12 |
| 712401-0001 | 28 mm Replacement Closure stem and Draw Tube for 2401-0500 | | | 25 |
| 712401-0002 | 24 mm Replacement Closure stem and Draw Tube for 2401-0125, -0250 | | | 25 |

# Thermo Scientific Nalgene Unitary Wash Bottles

## low-density polyethylene bottle/tubulation, polypropylene screw closure

**Nalgene™ Unitary™ Wash Bottles are designed with a wide mouth for faster, easier filling.**

Bottle and tubulation are molded in one piece for uniform leakproof service and precision flow without sputtering. Tip can be cut back to increase flow. Contents can be dispensed without tipping or shaking.

### details

- Designed with a wide mouth for faster, easier filling
- Bottle and tubulation are molded in one piece for uniform leakproof service
- Tip delivers a uniform, straight, ultrafine stream without sputtering, but can also be cut back to increase flow
- Contents can be dispensed without tipping or shaking
- No assembly required
- Leakproof†

**Nalgene Unitary Wash Bottles**

| Cat. No. | Capacity, mL (oz) | Closure size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2402-0125 | 125 (4) | 24 | 6 | 48 |
| 2402-0250 | 250 (8) | 38 | 4 | 36 |
| 2402-0500 | 500 (16) | 38 | 4 | 24 |
| 2402-0750 | 750 (25) | 38 | 4 | 24 |
| 2402-1000 | 1000 (32) | 43 | 2 | 12 |

# Thermo Scientific Nalgene Wash Bottles

## Teflon® FEP bottle, Tefzel™ ETFE screw closure/stem and draw tube

**Nalgene™ Teflon® FEP Solvent Wash Bottles offer excellent chemical resistance and are molded entirely of fluoropolymers.**

Designed to dispense through the top with a closure and stem molded in one piece for uniform leakproof service. They provide contamination-free dispensing – useful for trace element work. Tight fit of draw tube and closure prevents separation when squeezing bottle.

### details

- With Tefzel ETFE screw closure/stem and draw tube
- Demonstrates excellent chemical resistance to nearly any chemical in your lab including solvents – won't embrittle or crack
- Inert fluoropolymer construction is low in extractables and low-binding – useful for trace element work; phthalate-free
- Designed to dispense uniformly through the top with a closure and stem molded in one piece for leakproof service and a steady, straight stream
- Fully assembled – no assembly required
- Tip can be cut back to provide increased flow
- Closure won't disengage from bottle when squeezed
- Outstanding chemical compatibility with virtually all chemicals and temperature extremes
- Autoclavable/Leakproof†/Teflon® FEP/Transparent

*Notes: After autoclaving, adjust nozzle angle to < 90° angle while cooling to ensure stream is pointing downward.*

*Teflon® is a registered trademark of DuPont used under license by Nalge Nunc International Corporation.*

**Nalgene Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2403-0125 | 125 (4) | 24 | 1 | 4 |
| 2403-0250 | 250 (8) | 24 | 1 | 4 |
| 2403-0500 | 500 (16) | 38-430 | 1 | 4 |
| 2403-1000 | 1000 (32) | 38-430 | 1 | 2 |

# Thermo Scientific Nalgene Wide-Mouth Wash Bottles

## low-density polyethylene bottle, polypropylene screw closure/stem, polypropylene copolymer draw tube

**Nalgene™ Wide-Mouth Wash Bottles feature a wide-mouth design for easy filling and a through-the-top closure and stem molded in one piece.**

Flexible bottles with easy-to-fill wide mouth with one piece closure and stem.

### details

- Designed to dispense uniformly through the top with a closure and stem molded in one piece for leakproof service
- Precision molded tip provides a straight stream free from sputter
- Tip can be cut back to provide increased flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Fully assembled – no assembly required
- Leakproof†

**Nalgene Wide-Mouth Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2407-0500 | 500 (16) | 53 | 4 | 24 |
| 2407-1000 | 1000 (32) | 63 | 2 | 12 |

## Thermo Scientific Nalgene Narrow-Mouth Color-Coded Wash Bottles

### low-density polyethylene bottle, polypropylene screw closure/stem and draw tube

**Nalgene™ Color-Coded Wash Bottles with red, blue, green or yellow closures/stems permit easy content identification.**

Bottles are designed to dispense through the top with a closure and stem molded in one piece for uniform leakproof service. Precision molded tip provides a straight, steady stream without sputtering.

### details

- Color-coded top lets you coordinate reagents with industry storage codes
- Designed to dispense uniformly through the top with a closure and stem molded in one piece for leakproof service and precision control
- Tip can be cut back to provide increased flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Fully assembled – no assembly required
- Leakproof†

**Nalgene Narrow-Mouth Color-Coded Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Color Code | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2422-2500 | 500 (16) | 28 | Yellow | 6 | 24 |
| 2422-3500 | 500 (16) | 28 | Blue | 6 | 24 |
| 2422-4500 | 500 (16) | 28 | Green | 6 | 24 |
| 2422-5500 | 500 (16) | 28 | Red | 6 | 24 |

## Thermo Scientific Nalgene Color-Coded Unitary Wash Bottles

### low-density polyethylene bottle/tubulation, polypropylene screw closure

**Nalgene™ Color-Coded Unitary™ Wash Bottles come in a convenient, pre-packaged, color-coded, easy-to-identify assortment.**

Red, white, blue or yellow closures/stems on these flexible unitary bottles permit easy content identification. Designed with a wide mouth for faster, easier filling. Bottle and tubulation are molded in one piece for uniform leakproof service.

### details

- Includes one bottle of each color closure (red, white, yellow and blue) per package
- Designed with a wide mouth for faster, easier filling
- Bottle and tubulation are molded in one piece for uniform leakproof service
- Tip delivers a straight, uniform, ultrafine stream, but can also be cut back to increase flow
- Contents can be dispensed without tipping or shaking
- Leakproof†

**Includes:** A sample of Polypaper™ Right-To-Know Custom Labeling System (Cat. No. 6316-1000).

**Nalgene Color-Coded Unitary Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Description | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2423-0500 | 500 (16) | 38-415 | Color-Coded Unitary Wash Bottles Assortment | 4 | 16 |

## Thermo Scientific Nalgene Unitary Safety Wash Bottles

### red low-density polyethylene bottle/tubulation, red polypropylene screw closure

**Nalgene™ Unitary Safety Wash Bottles feature a wide mouth for faster, safe filling, and are red for easy identification.**

Bottle and tubulation are molded in one piece for uniform leakproof service. Precision molded tip provides a steady, straight stream without sputtering. Contents can be dispensed without tipping or shaking.

### details

- Colored red for easy identification and instant recognizablility, for use with acids, bases and alcohols
- Designed with a wide mouth for faster, easier filling
- Bottle and tubulation are molded in one piece for uniform leakproof service
- Tip delivers a uniform, straight, ultrafine stream for precision dispensing, but can also be cut back to increase flow
- Leakproof†

**Nalgene Unitary Safety Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Case |
|---|---|---|---|
| DS2408-0250 | 250 (8) | 38 | 4 |
| DS2408-0500 | 500 (16) | 38 | 4 |

## Thermo Scientific Nalgene Autoclavable Wash Bottles

### polypropylene copolymer bottle, polypropylene screw/stem and draw tube

**Nalgene™ Autoclavable Wash Bottles are useful for dispensing sterile water or reagents wherever it is necessary to reduce the risk of contamination.**

Flexible and contact-clear, these bottles are designed to dispense through the top with a closure and stem molded in one piece for uniform leakproof service. Bent stem dispensing tube retains its bend after autoclaving but bend angle can be modified by hand while warm if desired.

### details

- With polypropylene screw/stem and draw tube
- Designed to dispense uniformly through the top with a closure and stem molded in one piece for leakproof service
- Tip can be cut back to provide increased flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Fully assembled – no assembly required
- Autoclavable/Leakproof†

*Notes: After autoclaving, adjust tip to < 90° angle during cooling to ensure stream is pointing downward.*

**Nalgene Autoclavable Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2405-0500 | 500 (16) | 28 | 6 | 24 |
| 2405-1000 | 1000 (32) | 38-430 | 4 | 12 |

# Thermo Scientific Nalgene Fluorinated Solvent Wash Bottles

## fluorinated high-density polyethylene, red fluorinated polypropylene closure/stem; polypropylene draw tube

**Nalgene™ Fluorinated Solvent Wash Bottles are self-venting, so solvent stays in the bottle with no risk of leakage.**

Offers low permeability and excellent chemical resistance to many organic solvents. “Solvent Wash Bottle” silk-screened in red on the bottle. Fluorinated HDPE reduces the risk of absorption of the solvent into the bottle itself. Designed to dispense through the top with a closure and stem molded in one piece for uniform leakproof† service.

### details

- With polypropylene draw tube
- Translucent fluorinated HDPE wash bottle with red polypropylene closure and stem
- Non-metallic vent keeps solvent in the bottle and prevents self-dispensing
- Bright red lettering silk-screened on bottle reads “Solvent Wash Bottle” for easy identification and no mix-ups
- Low permeability and excellent chemical resistance to many organic solvents used in HPLC, TLC, and gas chromatography
- Useful over a temperature range from 0° to 90°C (32° to 194°F)
- Wide mouth designed for easy filling
- Tip molded to provide a straight stream with precision control
- Tip can be cut back to increase flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Leakproof†

**Nalgene Fluorinated Solvent Wash Bottles**

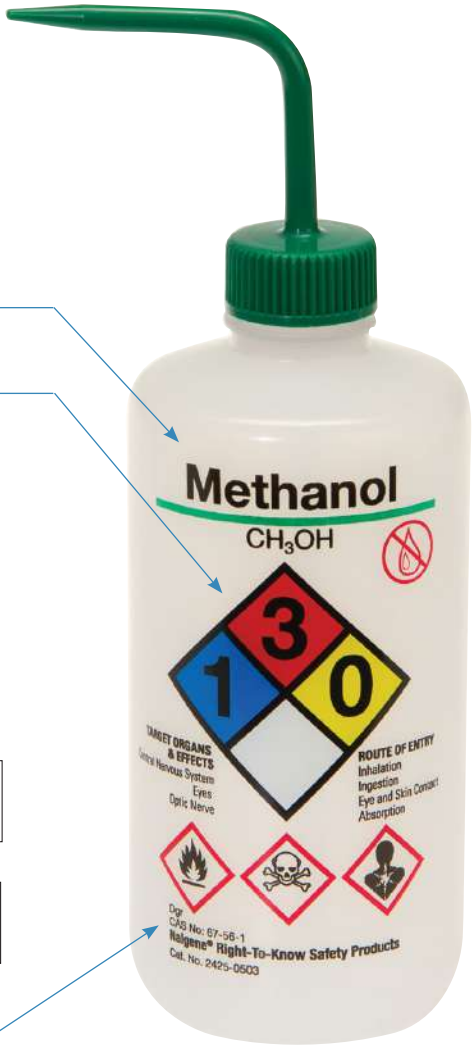
| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | No. per Pack | No. per Case |
|---|---|---|---|---|
| 2421-0500 | 500 (16) | 53 | 2 | 4 |

# Chemical Safety Products

Choose from a wide range of Thermo Scientific Nalgene products specially designed for dispensing, labeling, disposing of hazardous waste, transporting and carrying chemical bottles. Cat. Nos. 2425 and 2436 comply with this U.S. OSHA Hazard Communication Standard, 29 CFR Part 1910.1200 (f) (4).*

### The Anatomy of Nalgene® Right-To-Know Safety Products

Nalgene Right-To-Know safety products help your laboratory meet regulatory requirements for labeling chemical containers in the workplace. These symbols have been devised to provide instantly recognizable, standard symbols for the care, handling and storage of commonly-used laboratory chemicals. Nalgene Right-To-Know bottles and labeling incorporate the standard U.S. Department of Transportation (DOT), National Fire Protection Association (NFPA) and International Chemical Society (ICS) formulas. They also comply with U.S. Occupational Safety and Health Administration (OSHA) Hazardous Communication standards. Bottles are break-resistant, flexible, translucent and guaranteed leakproof. Labels are waterproof, chemical resistant and adhere well to plastic, glass and metal.




### Chemical Name and Symbol

Chemical name in bold print (generic name in parentheses), followed by the ICS formula.

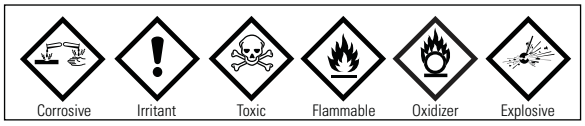
### NFPA Diamond

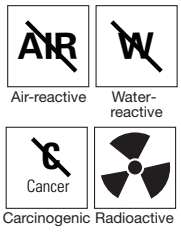
Uses the standard NFPA codes, ranking hazards according to the chemical's reaction to the presence of fire. The red, blue and yellow diamonds use a rating scale of 4 to 0, with 4 representing the greatest hazard and 0 the least. The bottom diamond uses pictograms.

| Top Diamond | Right-hand Diamond | Left-hand Diamond | Bottom Diamond |
|---|---|---|---|
| Red: Flash Point | Yellow: Reactivity | Blue: Health Hazard | White: Health Warnings |
| 4 - Below 70°F/21°C | 4 - Explosive | 4 - Deadly | Air-reactive |
| 3 - Below 100°F/38°C | 3 - Shock and heat may detonate | 3 - Extremely dangerous | Water-reactive |
| 2 - Below 200°F/93°C | 2 - Violent change may occur | 2 - Hazardous | Carcinogenic |
| 1 - Above 200°F/93°C | 1 - Unstable if heated | 1 - Slightly hazardous | Radioactive |
| 0 - Non-flammable | 0 - Normally stable | 0 - Normal material | |

### Hazard Code

Primary hazards represented by appropriate GHS symbol




### DOT/UN Number

Four-digit number, preceded by UN or NA (North America), used to identify particular materials and regulate their transportation. These four digit numbers are called product identification numbers (PINs) under Canadian Transportation and Dangerous Goods Regulations.

### CAS Number

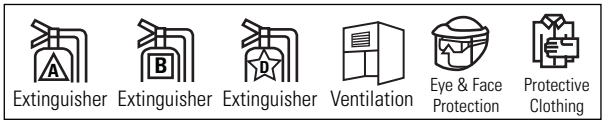
Chemical Abstract Service Number

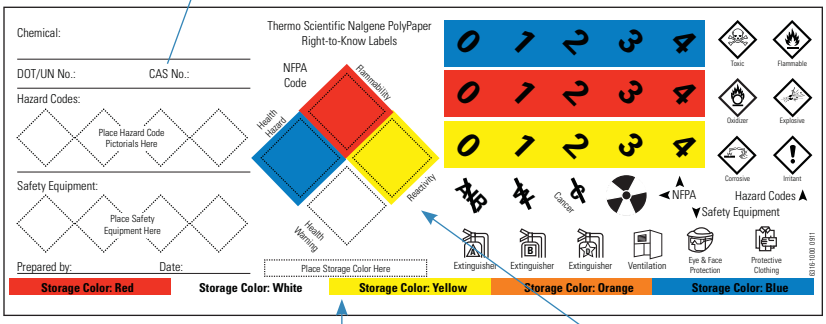
### Hazard Code

(See description above)

### Safety Equipment

Required protective equipment represented by the appropriate pictogram, including fire extinguishers:
Extinguisher A - general use
Extinguisher B - flammable liquids
Extinguisher D - flammable materials




### Storage Color

Color indicates the appropriate storage area:
RED - flammable
BLUE - health hazard
YELLOW - reactive
WHITE - contact hazard (corrosive)
ORANGE - general storage

### NFPA Diamond

(See description above)

# Thermo Scientific Nalgene Right-To-Know Custom Labeling System

## polyolefin with clear plastic overlay

**Nalgene™ Right-To-Know customer labeling system is ideal for creating chemical labels that identify the chemical and its properties.**

Clear plastic adhesive overlay is provided to protect the label markings from chemicals. Refer to the appropriate Material Safety data sheet (MSDS) or other reference material to verify the correct codes. Complete instructions included with each package.

## details

- Overlay is provided to protect label from chemical contact
- Refer to the appropriate Material Safety Data Sheet (MSDS) or other reference material to verify the correct codes required for accurate and safe use.
- Hazard symbol stickers are GHS compliant

*Notes: Complete instructions included with each package.*

**Nalgene Right-To-Know Custom Labeling System**

| Cat. No. | L x W, mm (in.) | No. per Pack | No. per Case |
|---|---|---|---|
| 6316-1000 | 76.2 x 127 (3 x 5) | 25 | 150 |

# Thermo Scientific Nalgene Vented Unitary Right-To-Know Wash Bottles

## low-density polyethylene bottle, polypropylene or high-density polyethylene closure, polytetrafluoroethylene membrane

**Nalgene™ Vented Unitary™ Right-To-Know Wash Bottles feature a unique vent system that keeps hazardous volatile liquids in the wash bottles and off the lab bench.**

Marked with four colors, NFPA diamonds, GHS compliant hazard symbols, and Right-To-Know chemical information. Choose from seven chemical markings. A strong, straight and steady stream of liquid is dispensed when the wash bottle is squeezed. Unitary bottle prevents contamination when filling the bottle; no draw tube assembly to pick up contamination off the lab bench. Vented.

Choose from six different chemicals.

### details

- With polypropylene or high-density polyethylene closure, polytetrafluoroethylene membrane
- Bottle and tubulation molded in one piece to prevent chemical splash when removing closure and contamination when filling
- Unique 38 mm colored, vented closure designed to prevent dripping
- Sturdy polypropylene closures – HDPE on Sodium Hypochloride (bleach) bottles
- Color-coded bar corresponds to closure, preventing cross-contamination
- Prelabeled with ICS name and formula, as well as NFPA symbols for chemical handling, hazard, care and storage of six commonly-used chemicals
- Fully assembled
- Leakproof†

**Compliance:** Meets OSHA requirements for workplace chemical container labeling.

**Nalgene Vented Unitary Right-To-Know Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Chemical | Closure Color | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2436-0251 | 250 (8) | Acetone | Red | 4 | 36 |
| 2436-0255 | 250 (8) | Distilled Water | Natural | 4 | 36 |
| 2436-0501 | 500 (16) | Acetone | Red | 4 | 24 |
| 2436-0502 | 500 (16) | Ethyl Alcohol | White | 4 | 24 |
| 2436-0503 | 500 (16) | Methanol | Green | 4 | 24 |
| 2436-0504 | 500 (16) | Isopropanol | Yellow | 4 | 24 |
| 2436-0505 | 500 (16) | Distilled Water | Natural | 4 | 24 |
| 2436-0506 | 500 (16) | Sodium Hypochlorite (Bleach) | White | 4 | 24 |
| 2436-0507 | 500 (16) | Deionized Water | Natural | 4 | 24 |
| 2436-1001 | 1000 (32) | Acetone | Red | 2 | 12 |
| 2436-1005 | 1000 (32) | Distilled Water | Natural | 2 | 12 |

# Thermo Scientific Nalgene Right-To-Know Narrow-Mouth Wash Bottles

## white low-density polyethylene or polypropylene copolymer bottle; polypropylene or high-density polyethylene closure, polypropylene copolymer fill tube

*Cat. No. 2425 series*

*Cat. No. 202425 series*

**Nalgene™ Right-To-Know Narrow-Mouth Wash Bottles help laboratories meet regulatory labeling requirements for chemical containers, using standard, instantly-recognizable symbols and colors.**

Sodium Hypochlorite bottle is white LDPE with HDPE closure for light-protective barrier qualities between 280 and 450 nm; all others have natural bottles and polypropylene closures. Feature chemical name, International Chemical Society (ICS) chemical formula and Chemical Abstract Service (CAS) number. Bottles have a color bar matching their colored closures to prevent cross-contamination.

## details

- With polypropylene or high-density polyethylene closure, polypropylene copolymer fill tube
- Designed to dispense through the top with a closure and stem molded in one piece for uniform leakproof service; self-venting
- Tip can be cut back to increase flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Cat. No. 2425-series uses GHS-compliant symbols
- European versions (Cat. Nos. 202425) display the EEC number
- Leakproof†

**Ordering Information:** Available in packs of the same 16 or 32 oz. (500 or 1000 mL) bottle, or in a 5-bottle (16 oz./500 mL only) assortment pack consisting of one each acetone, ethyl alcohol, isopropanol, methanol, and distilled water.

**Compliance:** Meets requirements of OSHA Hazard Communication Regulation [29 CFR 1910.1200(f)(4)].

**Nalgene Right-To-Know Narrow-Mouth Wash Bottles**

| Cat. No. | Capacity, mL (oz.) | Closure Size, mm | Label Description | No. per Pack | No. per Case |
|---|---|---|---|---|---|
| 2425-0500 | 500 (16) | 28 | Assorted | 5 | 20 |
| 2425-0501 | 500 (16) | 28 | Acetone | 6 | 24 |
| 2425-0502 | 500 (16) | 28 | Ethyl Alcohol | 6 | 24 |
| 2425-0503 | 500 (16) | 28 | Methanol | 6 | 24 |
| 2425-0504 | 500 (16) | 28 | Isopropanol | 6 | 24 |
| 2425-0505 | 500 (16) | 28 | Distilled Water | 6 | 24 |
| 2425-0506 | 500 (16) | 28 | Sodium Hypochlorite (Bleach) | 6 | 24 |
| 2425-0507 | 500 (16) | 28 | Deionized Water | 6 | 24 |
| 2425-1002 | 1000 (32) | 38-430 | Ethyl Alcohol | 4 | 12 |
| 2425-1003 | 1000 (32) | 38-430 | Methanol | 4 | 12 |
| 2425-1004 | 1000 (32) | 38-430 | Isopropanol | 4 | 12 |
| 2425-1005 | 1000 (32) | 38-430 | Distilled Water | 4 | 12 |
| 202425-0501* | 500 (16) | 28 | Acetone | 5 | 10 |
| 202425-0502* | 500 (16) | 28 | Ethanol | 5 | 10 |
| 202425-0503* | 500 (16)) | 28 | Methanol | 5 | 10 |
| 202425-0504* | 500 (16)) | 28 | Isopropanol | 5 | 10 |
| 202425-0505* | 500 (16) | 28 | Distilled Water | 5 | 10 |
| 202425-0506* | 500 (16)) | 28 | Deionized Water | 5 | 10 |

**Available in the EU only*

# Thermo Scientific Nalgene Biohazardous Waste Containers

## polypropylene

**Nalgene™ Biohazardous Waste Containers are ideal autoclavable plastic waste containers for secondary containment of biohazardous waste materials.**

Convenient one-step sterilization; no need to remove bag. Port opening in cover allows one-handed disposal of materials; limits exposure to infectious waste. Holds standard sized autoclave bags. Will not rust, dent or puncture. Symbol printed in English and Spanish.

### details

- Ideal autoclavable plastic waste containers for secondary containment of biohazardous waste materials
- Convenient one-step sterilization; no need to remove bag
- Port opening allows one-handed disposal of materials, limiting exposure to infectious waste
- Will not rust, dent or puncture like other materials
- Holds standard sized autoclave bags (not included)
- Autoclavable/Biohazard

**Compliance:** U.S. OSHA Standard 29 CFR Part 1910.1030 for use as protection against blood-borne pathogens.

**Nalgene Biohazardous Waste Containers**

| Cat. No. | Capacity, L (gal.) | O.D. x H , cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6370-0004 | 5.5 (1-1/2) | 22 x 28 (8-3/4 x 11) | 1 | 1 |
| 6370-0005 | 19 (5) | 28 x 43 (11 x 17) | 1 | 1 |
| 6370-0015 | 57 (15) | 34 x 74 (13-1/4 x 29) | 1 | 1 |

# Thermo Scientific Nalgene Safety Waste Funnel Systems

## high-density polyethylene funnels and covers, polypropylene closure and funnel adaptor, polytetrafluoroethylene vent membrane

**Nalgene™ Safety Waste Funnel Systems feature the Easy Snap Safety Latch to minimize spillage if accidentally tipped over and a larger diameter funnel for easy pouring.**

Ideal for temporary waste containment on the benchtop or under a lab hood. Vent system helps reduce fumes and splashing. Removable neck screen traps large particles, like stir bars. Designed for solvent, chemical and biological waste. Recommended for use with Nalgene containers (sold separately).

### details

- Vent system helps reduce fumes and splashing
- Removable neck screen traps large particles, like stir bars
- Available in 25 cm (10 in.) diameter funnel with 83B closure and 14 cm (5-1/2 in.) funnel with 38-430 closure
- For safe transfer of solvent, chemical and biological waste

**Includes:** HDPE funnel with attached lid, polypropylene closure/funnel adapter, screen insert, polypropylene/PTFE 0.45 µm vent plug, and filter.

**Nalgene Safety Waste Funnel Systems**

| Cat. No. | Closure Size, mm | Funnel Top Dia x Stem L, cm (in.) | No. per Case |
|---|---|---|---|
| 6378-0004 | 38-430 | 14 x 5.6 (5-1/2 x 2-1/4) | 4 |
| 6378-0010 | 83-B | 25.4 x 5.6 (10 x 2-1/4) | 2 |

# Thermo Scientific Nalgene Safety Waste Funnel Systems

## high-density polyethylene safety waste funnel and high-density polyethylene or fluorinated high-density polyethylene container

**Nalgene™ Safety Waste Funnel Systems are chemical- and break-resistant, designed for temporary storage of solvent, chemical and biological wastes.**

Safety waste funnel has an Easy Snap safety latch to minimize accidental spills and volatile emissions. Funnel easily unscrews from funnel adapter for cleaning and quicker access. Closure/adapter includes a vent that releases pressure when pouring, and reduces emissions during use; can also connect to an external syringe filter. Includes a Nalgene collection container.

### details

- 4 L safety waste system includes a 5-1/2 in. (14 cm) safety waste funnel and 4 L HDPE Nalgene bottle and bottle closure
- 10 L safety waste system includes a 10 in. (25 cm) safety waste funnel and a 10 L fluorinated HDPE (FLPE) carboy and carboy closure
- Large-diameter funnel has attached cover with Easy Snap* safety latch to minimize accidental spills and volatile emmissions
- Funnel easily unscrews from polypropylene closure/funnel adapter for cleaning and quicker access
- Closure/adapter includes vent with polypropylene/PTFE vent plug that releases pressure during pouring, and prevents emissions during use
- Adapter can also connect to external syringe filter
- Removable polypropylene screen insert fits at bottom of funnel to trap large particles such as stir bars
- Not resistant to long-term UV light exposure

**Ordering Information:** Secondary containers (sold separately) should be used with Safety Waste Systems during transport, transfer or storage.

**Includes:** (4 L) HDPE or (10 L) fluorinated HDPE container, PP container closure, removable funnel with lid, closure/funnel adapter, filter, and screen insert.

*Notes: These systems are not safety cans as defined by OSHA guidelines and are designed for temporary waste disposal only. Waste should be disposed of prior to 90 days of initial waste accumulation.*

**Nalgene Safety Waste Funnel Systems**

| Cat. No. | Capacity, L | Closure Size, mm | Funnel Top Dia. x Stem L, cm (in.) | Container Material | No. per Case |
|---|---|---|---|---|---|
| 6379-0004 | 4 | 38-430 | 14 x 5.6 (5-1/2 x 2-1/4) | HDPE | 1 |
| 6379-0010 | 10 | 83B | 25 x 5.6 (10 x 2-1/4) | FLPE | 1 |

# Thermo Scientific Nalgene Large Waste Containers with Cover

## polypropylene

**Nalgene™ Large Waste Containers with covers are ideal for holding and sterilizing refuse, clothing, equipment, labware and contaminated material.**

Friction-fit closure fits securely. Meets OSHA Standard 29 CFR Part 1910.1030 for use as protection against bloodborne pathogens. Cover must be removed before autoclaving.

### details

- Friction-fit closure fits securely
- Meets OSHA Standard 29 CFR Part 1910.1030 for use as protection against bloodborne pathogens
- Molded-in handgrips make lifting easy
- Autoclavable/Biohazard

**Compliance:** Meets OSHA Standard 29 CFR Part 1910.1030 for use as protection against bloodborne pathogens

*Notes: Autoclave upright. Lid must be removed before autoclaving.*

**Nalgene Large Waste Containers with Cover**

| Cat. No. | Capacity, L (gal.) | O.D. x H , cm (in.) | No. per Pack | No. per Case |
|---|---|---|---|---|
| 6920-0060 | 23 (6) | 28 x 46 (11 x 18) | 1 | 4 |
| 6920-0120 | 45 (12) | 36 x 58 (14 x 23) | 1 | 4 |