

Care of Nalgene labware

General Cleaning

For most general applications, plastics may be washed in a mild (non-alkaline is recommended) detergent, followed by a rinse with tap water, and then distilled water. Do not use abrasive cleaners or scouring pads on any plastic labware. Do not use strong alkaline cleaning agents with polycarbonate.

Autoclaving

To prevent baking contaminants onto the surface of the plastic, all items should be carefully cleaned and rinsed in distilled water before autoclaving. **Do not** autoclave containers (except those made of fluorocarbons) containing detergent or wetting solutions.

A Always completely disengage threads or remove closure before autoclaving.

Polystyrene, polyvinyl chloride, nylon, styrene, acrylonitrile, acrylic, and low- and high-density polyethylene are not autoclavable under any conditions.

Society of Plastics Industry (SPI) Recycling Codes are molded into the bottom of all injection blow-molded or extrusion blow-molded bottles, 500 ml and larger.

For further information on how to safely and effectively use and care for your Nalgene labware, consult the current Nalgene Labware Catalog.

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8-0401-47 0009

Thermo Scientific Nalgene Bottles



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The anatomy of a Nalgene bottle

Closure is one-piece, linerless. Works with the bottle to create a **guaranteed leakproof system**.

Shrink ring at the neck of most Nalgene® bottles is molded so that inside surface is smooth to minimize entrapment of contents.

Heavy-duty uniform walls are generally thicker and resistant to splitting or puncturing.

Bottom has curved inner corners for easy cleaning. Stable base has permanent, molded-in resin code and volume.



Seal ring is molded inside the closure. Fits tightly against the beveled inner edge (chamfer) of the bottle neck. This makes the Nalgene bottle a leakproof system, no closure liner that can wear, crease or cause contamination.

Threads on bottles and closures have continuous, straight-shouldered semi-buttruss threads not low-quality round threads.

Nalgene bottles



Narrow-mouth Boston round
12 sizes from 4 ml to 2 L in:
FEP, black FEP, FLPE, HDPE, amber HDPE, LDPE, PFA, PP, PVC



Wide-mouth round
7 sizes from 30 ml to 1.5 L in:
LDPE, FEP, FLPE, HDPE, amber HDPE, PMP, PP



Straight-side wide-mouth jars
7 sizes from 15 ml to 1 L in:
clear, gray, blue and green PC, PMP, PP



Mason jars
4 sizes from 500 ml to 3 L in:
PP



Rectangular
5 sizes from 125 ml to 2 L in:
HDPE and amber HDPE



Wide-mouth square
5 sizes from 60 ml to 4.3 L in:
HDPE and PP



Narrow-mouth square
6 sizes from 30 ml to 2 L in:
HDPE, PC, PETG, PP

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