

Centrifuge Ware

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NALGENE® Brand Centrifuge Ware offers a wide selection of centrifuge tubes, bottles, closures and adapters in many different sizes and resin types to fit your assay requirements. Molded from advanced bioanalytical-grade resins, their high purity means low extractables and leaching in your application. It's easy to find the right size, style and product support you need, just visit www.nalgenunc.com for our chemical resistance and rotor matching guides.

NALGENE Conical and Round Bottom tubes are available in PMP, PPCO, PC, and TEFZEL ETFE resins designed to fit your application's need for mechanical strength, autoclavability, temperature, and/or chemical resistance. The conical tubes have easy-to-read molded-in gradations. The round tubes are available in lipped and nonlipped that feature uniform wall thickness for greater strength and usability.



In conformance with industry nomenclature, NALGENE Centrifuge Tubes and Bottles use "nominal capacity" to express dimensional not volumetric tube and bottle sizes. For lipped centrifuge tubes that do not accommodate a leakproof closure, the nominal capacity and the volume capacity are equivalent. Centrifuge tubes and bottles that are threaded to provide a leakproof closure are manufactured to express dimensional rotor requirements. Maintaining the dimensional rotor requirements results in a loss of total volume. Brim capacities are noted in the product description where the loss in volume is > 10%.

NALGENE Oak Ridge Centrifuge products are available in PPCO, PC, PS and Teflon FEP resins with linerless, non-contaminating closures for unsurpassed leakproof performance in today's demanding applications.

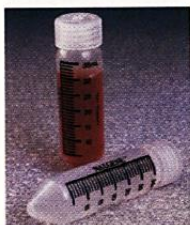
NALGENE Centrifuge Bottles are available with round or conical bottoms, in a full range of sizes from 250mL to 1L, in PPCO, PC, Teflon FEP, and HDPE resins, so whether it's cell culture harvesting, protein biochemistry or phenol extractions it's simple to find the right bottle! Closures and adapters are available separately.

NALGENE labware is for research use only, not the *In Vitro* diagnosis or parenterals.

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WARNING! All centrifuge ware must be filled to at least 80% of total capacity for proper performance unless otherwise noted.

IMPORTANT! NALGENE® Oak Ridge centrifuge tubes are supplied with a linerless, non-contaminating screw closure. Those items described as leakproof will not leak during ordinary use. To assure leakproof service, especially at speeds greater than 10,000 x g or when spinning hazardous materials, NALGENE sealing cap assemblies (Cat. No. DS3131) are recommended. See individual listings.

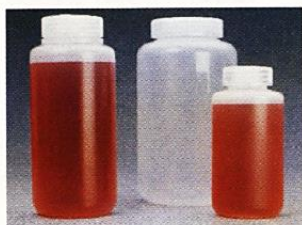


3148 Conical Oak Ridge Centrifuge Tube, polypropylene copolymer; polypropylene screw closure

These conical centrifuge tubes combine the better separation/pelleting capabilities of a conical tube with the superior sealing capabilities of Oak Ridge tubes. Graduations silkscreened from 5 to 35 ml in 1-ml increments. Accommodate NALGENE sealing caps (Cat. No. DS3132-0024) and require conical-tube adapter (Cat. No. DS3147-0050). Molded of PPCO for better chemical resistance. Tubes are translucent but contact clear for easy liquid viewing. Before autoclaving, just set closure on top of tubes without engaging the threads. Must be filled to at least 80% of the total capacity for proper performance.

Autoclavable/Biohazard/Leakproof

Cat. No.3148	-0050
Nom. Cap., ml	35
No. per Pkg	10
No. per Case	100



3120 Centrifuge Bottles, polypropylene copolymer; polypropylene screw closure

Translucent bottles have excellent chemical resistance. Strong and rigid. Sealing cap (Cat. No. DS3132-0063) available for 1000-ml capacity bottles (Cat. No. 3120-1000 and 3120-1010). When using the 250-ml bottle (Cat. No. 3120-0250) in the Sorvall GSA rotor, use the NALGENE centrifuge bottle adapter (Cat. No. DS3125-0250). Cat. No. 3120-0500 is designed for use with IEC rotors. Before autoclaving, set closure on top of the bottle without engaging the threads. For proper performance these bottles must be filled to at least 80% of the total capacity, except for Cat. No. 3120-9500, which must NOT be filled to more than 75% of total capacity. Refer to NALGENE Tube and Bottle Selector Guide for complete speed, closure and accessory information.

Maximum ratings:

- 3120-0250 rated for 13,200 x g (Up to 27,500 x g with sealing cap assembly)*
- 3120-0500 rated for 4,800 x g
- 3120-9500 rated for 4,800 x g**
- 3120-1000 rated for 7,100 x g (For IEC rotors, use Cat. No. 3120-1010)
- 3120-1010 rated for 7,100 x g Autoclavable

Cat. No.3120	-0250	-0500	-9500**	-1000	-1010
Nom. Cap., ml	250	500	500	1000	1000
No. per Pkg	4	4	4	4	4
No. per Case	36	24	24	16	16

*Centrifuge bottle adapter sold separately Cat. No. DS3125-0250.

**For proper performance bottles must NOT be filled to more than 75% of total capacity.