

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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3117 Round-Bottom Centrifuge Tubes, polycarbonate

These open-top tubes are stronger than polypropylene. Can be used up to 50,000 x g in refrigerated or non-refrigerated centrifuges. Supplied without closure. Cat. No. 3117-1000 is lipped; 50-ml size available lipped (Cat. No. 3117-9500) or non-lipped (Cat. No. 3117-0500). Must be filled to at least 80% of the total capacity for proper performance. Autoclavable/Transparent



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Cat. No.3117	-0120	-0150	-0160	-0380	-0500	-9500*	-1000*
Nom. Cap., ml	12	15	16	38	50	50	100
No. per Pkg	10	10	10	10	10	10	10
No. per Case	100	100	100	100	100	100	40

*Lipped

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.

3114 Oak Ridge Centrifuge Tubes, Teflon* FEP; Tefzel* ETFE screw closure

Ideal for high-speed centrifugation of aggressive chemicals. Excellent for chloroform and phenol extractions. Resist any acid, base or solvent. Autoclavable tubes withstand temperatures from -100°C to +150°C. For use in refrigerated and non-refrigerated centrifuges up to 50,000 x g. NALGENE sealing cap assemblies (Cat. No. DS3131) are available. Before autoclaving, just set closure on top of the tube without engaging the threads. NOTE: For proper performance must be filled to 100% of the total capacity.

*Or equivalent. Teflon and Tefzel are registered trademarks of DuPont. Autoclavable/Biohazard/Leakproof/Teflon FEP

Cat. No.3114	-0010***	-0030	-0050**
Nom. Cap., ml	10	30	50
No. per Pkg	2	2	2
No. per Case	10	10	10

**Actual brim capacity of 3114-0050 is 46 ml.

***Sealing cap assembly not available for 3114-0010.



Teflon FEP



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3115 Oak Ridge Centrifuge Tubes, polysulfone; polypropylene screw closure

Strong and tough like polycarbonate but much more acid- and base-resistant. Can be used up to 50,000 x g in refrigerated or non-refrigerated centrifuges. NALGENE sealing caps* (Cat. No. DS3132) are available. Before autoclaving, just set closure on top of the tube without engaging the threads. Must be filled to at least 80% of the total capacity.

*Closure option: Order Cat No. 3137 Oak Ridge centrifuge tubes (polysulfone) with sealing cap or order sealing caps separately. Autoclavable/Biohazard/Transparent/Leakproof

Cat. No.3115	-0010	-0030	-0050**
Nom. Cap., ml	10	30	50
No. per Pkg	10	10	10
No. per Case	100	100	100

**Actual brim capacity for 3115-0050 is 43 ml.



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