

# Centrifuge Ware

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**NALGENE Centrifuge Tubes and FiberLite Carbon Fiber Rotors - A Perfect Fit.**



**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](http://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.

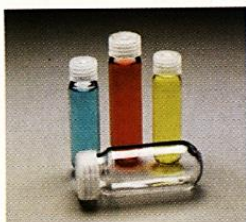
NALGENE labware is for research use only, not the *In Vitro* diagnosis or parenterals.



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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.



## **3118 Oak Ridge Centrifuge Tubes, polycarbonate; polypropylene screw closure**

Withstand up to 50,000 x g in refrigerated or non-refrigerated centrifuges. NALGENE sealing caps\* are available (Cat. No. DS3132) for 28-, 30-, and 50-ml sizes (Cat. Nos. 3118-0028, 3118-0030 and 3118-0050). Before autoclaving, just set closure on top of the tube without engaging the threads. Must be filled to 80% of the total capacity. Refer to NALGENE Tube and Bottle Selector guide for complete speed, closure and accessory information.

\*Closure option: Order Cat. No. 3138 Oak Ridge centrifuge tubes (polycarbonate) with sealing cap, or order sealing caps separately. Autoclavable/Biohazard/Transparent/Leakproof

Cat. No.3118	-0010***	-0028	-0030	-0050	-0085
Nom. Cap., ml	10	28	30	50**	85**
No. per Pkg	10	10	10	10	10
No. per Case	100	100	100	100	100

\*\*Actual brim capacities for Cat. No. 3118-0050 is 43 ml and Cat. No. 3118-0085 is 81 ml.

\*\*\*Sealing cap assembly not available for 3118-0010.



## **3119 Oak Ridge Centrifuge Tubes, polypropylene copolymer; polypropylene screw closure**

Translucent polypropylene copolymer provides greater chemical resistance than polycarbonate and can be autoclaved repeatedly. Contact-clear tubes allow easy view of contents. Can be used up to 50,000 x g in refrigerated and 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. Refer to NALGENE Tube and Bottle Selector guide for complete speed, closure and accessory information.

\*Closure option: Order Cat. No. 3139 Oak Ridge tubes (polypropylene copolymer) with sealing cap, or order sealing caps separately. Autoclavable/Biohazard/Leakproof

Cat. No.3119	-0010	-0028	-0030	-0050
Nom. Cap., ml	10	28	30	50**
No. per Pkg	10	10	10	10
No. per Case	100	100	100	100

\*\*Actual brim capacity of 3119-0050 is 42 ml.