

Thermo Scientific

Nalgene Graduated Cylinder of Teflon® PFA

Cat. No. 3666-0100

This Nalgene® graduated cylinder is made of Teflon PFA (perfluoroalkoxy) and has the following features.

- Extraordinary chemical resistance
- Useful over a broad temperature range
- Major graduations every 10 mL, minor every 2 mL for easy reading
- Molded spout for easy pouring of liquids
- Non-wetting surfaces: no meniscus for easy liquid level reading

Temperature Limits and Chemical Resistance

Nalgene Teflon PFA Cylinder has the widest temperature range of all Nalgene fluoropolymer products: -270°C to +250°C. Due to its excellent mechanical properties at low temperatures, it is well-suited to cryogenic work. At room temperature, this cylinder is resistant to most chemicals, including strong oxidizing mineral acids such as Aqua Regia, 98% sulfuric acid, 50% chromic acid, 70% nitric acid, 85% phosphoric acid, 48% hydrofluoric acid and 35% hydrochloric acid, so it is ideal for industrial and environmental testing laboratories. Teflon PFA is non-cytotoxic, based on USP and ASTM biocompatibility testing standards utilizing MEM elution techniques on a WI38 human diploid cell line.

Do not put these cylinders in a flame or on a hot plate.

Cleaning

Wash in a warm, soapy detergent solution followed by a rinse with tap water, then distilled water. Do not use brushes, abrasive cleaners or scouring pads.

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The cylinder can be washed in a labware washing machine if the following procedures are observed:

1. **Do not** wash in a machine equipped with brushes.
2. In machines using a high-pressure water spray, place the cylinders in a basket and cover them with a screen or cover similar to that used in test tube baskets. Otherwise, the water pressure may cause the cylinders to tumble and become scratched.
3. Teflon PFA cylinders placed on spindles should be weighted or covered. If spindles are made of uncoated metal, a section of vinyl tubing placed over them will cushion and protect them.

Note:

Autoclaving will affect the accuracy of this product.

For further information, refer to your current Thermo Scientific Nalgene Labware Catalog or contact technical service at Contact Technical Support (1-800-625-4327) for further details or visit our website at: www.thermoscientific.com.

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