

# NALGENE® Labware of Teflon FEP with Closures of Tefzel ETFE

This product is molded of Teflon® FEP (fluorinated ethylene propylene), a fluoropolymer which is inert to virtually all chemicals. The linerless, non-contaminating screw closure is molded of Tefzel® ETFE (ethylenetetrafluoroethylene copolymer) and is designed to provide leakproof service. ETFE has similar chemical resistance to FEP and has even greater impact resistance, and mechanical strength than FEP. Even under severe conditions this product is virtually unbreakable. Both FEP and ETFE are nontoxic and safe for contact with foods and beverages—they meet the requirements of the Food Additives Amendment of the U.S. Federal Food, Drug and Cosmetic Act.

## Cleaning

Wash the labware before using for the first time. To prevent scratching of the plastic, observe the following precautions:

- Use a warm, mild detergent solution.
- DO NOT use brushes, abrasive cleansers or paper towels.
- If using a labware washing machine:
  - DO NOT use a machine that is equipped with brushes.
  - In a machine with high-pressure water spray, place the labware in a basket and protect it with a screen or cover similar to that used in test tube baskets (NNI recommends NALGENE autoclave baskets Cat. No. 6917). Otherwise, the water pressure may cause the labware to tumble and get scratched.
  - If placed on spindles, always weight and cover the labware. If the spindles are made of uncoated metal, a section of PVC tubing placed over them will cushion and protect the labware.
  - Air dry if possible.

## Autoclaving

Clean the labware thoroughly before autoclaving. You can autoclave or sterilize FEP labware by any other thermal or chemical method.

**NOTE:** Before autoclaving, just set cap or closure on top of container without engaging the threads.

## Temperature Limits

This FEP container withstands temperatures from -270°C to +205°C. The ETFE closure withstands temperatures from -105°C to +150°C for extended periods. As with any plastic labware, **NEVER put in a flame or on a hot plate.**

Many other NALGENE fluoropolymer products are available from Authorized NALGENE Labware Dealers worldwide, including beakers, separatory funnels and centrifuge ware.

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**NALGENE®**  
*Brand Products*

an **Apogent** Technologies company

Nalge Nunc International Corporation  
75 Panorama Creek Drive  
Rochester, New York 14625-2385 U.S.A.

Visit us on the internet at:  
[www.nalgenunc.com](http://www.nalgenunc.com)

## U.S.A. and Canada:

Tel: 1-800-625-4327  
1-716-586-8800  
Fax: 1-800-625-4363  
Email: [nnitech@nalgenunc.com](mailto:nnitech@nalgenunc.com)

## Europe (U.K.)

Tel: +44 (0) 1432 375120  
Fax: +44 (0) 1432 351923  
Email: [sales@nalgenunc.co.uk](mailto:sales@nalgenunc.co.uk)

## Technical Service Europe (Belgium)

Tel: +32 (0) 16 470713  
Fax: +32 (0) 16 470714

## Japan:

Tel: +81 3-3816-3523  
Fax: +81 3-3816-6815

## Other countries:

### (International Department, U.S.A.)

Tel: +1 716 264 3898  
Fax: +1 716 264 3706  
Email: [intlmtkg@nalgenunc.com](mailto:intlmtkg@nalgenunc.com)

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