

**Corning Incorporated  
Life Sciences**

**Registered  
ISO 9001:2008**

## Product Description

**Catalog Number:** 4985-500

**Product Description:** PYREX® Flask, Erlenmeyer, Graduated, 500 mL  
with G.P.I. 430-38 Phenolic Cap and Rubber Liner

**Component Materials:**

Glass - Type I Class A - Low-Expansion Borosilicate Glass,  
per ASTM E438 (Standard Specification for Glasses in Laboratory Apparatus)  
Cap - Phenolic  
Liner - Rubber

**Attributes:**

Capacity - 500 mL  $\pm$ 25 mL at any mark (5% of full capacity)  
Product Dimensions - 101 mm OD x 186 mm High without Cap

**Autoclaving:**

This product will withstand repeated standard autoclave cycles of 121°C at 15 psi for 15 minutes.

**Heating / Cooling:**

The glass in this product is designed for heating by hot plate, flame, oven, microwave or heating mantles. In normal service it can be heated many times to 230°C. It can be heated one time to 490°C in extreme service.

The glass can be cooled to -230°C. DO NOT plunge product directly into a liquid coolant. Place the product in the vapor phase of the liquified gasses for slow cooling prior to immersion in the coolant.

The phenolic caps are not designed to be heated or cooled to these extremes.

**Vacuum / Pressure:**

This product is not designed for and is not rated for vacuum or pressure applications.

**Sterilization:**

Shipped Not Sterile

**Lot Number Designation:**

Each production lot is uniquely identified with an 8 digit lot number as follows: First 3 digits - Julian date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

**Revision Date:**

19 JUL 2013

Rev No: 1