

Corning Incorporated  
Life Sciences

Registered  
ISO 9001:2008

# Product Description

**Catalog Number:** 4500-1L

**Product Description:** Proculture® Flask, Spinner, Glass, 1000 mL  
G.P.I. 400-100 Center Cap, GL-45 Sidearm Caps, PTFE Impeller Assembly

**Component Materials:**

Glass - Type I Class A - Low-Expansion Borosilicate Glass,  
per ASTM E438 (Standard Specification for Glasses in Laboratory Apparatus)  
Center Cap - Polybutylene terephthalate (PBT)  
Liner - Silicone  
Nut - Polyetherimide  
O-ring - Synthetic Rubber  
SA Cap - Polypropylene (PP)  
Pour Ring - Polypropylene (PP)  
Shaft - Polysulfone  
Plug - Silicone  
Magnet - PTFE Coated Magnet (ALNICO)  
Sleeve, Holder, Washer, Blade - Polytetrafluoroethylene (PTFE)

**Attributes:**

Capacity - 1000 mL  
Product Dimensions - 125 mm OD x 239 mm High without Cap

**Autoclaving:**

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

**Heating / Cooling:**

This product is primarily designed for a specific use that does not involve direct heating. In normal use, temperatures will be from -50° to +125°C. This is below the temperature at which thermal failure could be a problem.

**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:**

5 AUG 2013

Rev No: 1