

Corning Incorporated  
Life Sciences

Registered  
ISO 9001:2008

## Product Description

**Catalog Number:** 8161

**Product Description:** Costar® Spin-X® centrifuge tube filter cellulose acetate membrane 0.22 µm pore size non-sterile

**Component Materials:**

- |             |   |  |
|-------------|---|--|
| Tube        | - | Virgin Polypropylene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.                 |
| Filter Unit | - | Virgin Polypropylene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.                 |
| Membrane    | - | Cellulose Acetate, 0.22 µm pore size, meets <i>USP, Class VI</i> requirements for plastic containers and closures. |

**Product Dimensions:**

- |                         |   |          |                           |   |              |
|-------------------------|---|----------|---------------------------|---|--------------|
| Filter Unit Length      | - | .808 in. | Tube Length w/filter unit | - | 1.800 in.    |
| Filter Unit ID/top      | - | .380 in. | Tube OD below shoulder    | - | .434 in.     |
| Filter Unit OD/shoulder | - | .375 in. | Tolerances                | - | +/- .050 in. |
| Working Volume          | - | .5 mL    | Tube Volume               | - | 2 mL         |

**Maximum RCF:**  
16,000

**Membrane Bubble Point Integrity:**

The membrane has been tested according to an established procedure to determine the water bubble point. The membrane meets the established criteria of minimum 37 psi.

**Membrane Bacterial Retention:**

The membrane has been tested according to the HIMA document No. 3, Vol. 4 "Microbiological Evaluation of Filters for Sterilizing Liquids."

**RNase/DNase Testing:**

This product has been tested and is free of any detectable RNase/DNase contamination.

**Performance Testing:**

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.

Integrity Testing: Forward pressurization of filter unit to 12 psi.

Visual Attributes: Visual examination of the product.

Packaging: Inspection for accurate labeling and correct product configuration.

**Lot Number Designation:**

8 Digit Lot Number: First 3 digits - Julian date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

Rev No: 7