

Corning Incorporated  
Life Sciences

Registered  
ISO 9001:2008

## Product Description

Catalog Number: 3320

Product Description: Corning® CellSTACK®- 10 Chamber with Corning® CellBIND® surface

### Component Materials:

- Top Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Middle Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Bottom Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Cap - Virgin High Density Polyethylene, meets *USP, Class VI* requirements for plastic containers and closures. Heavy metal free (meets *CONEG* req.) color concentrate.
- Filter - .2µm/polyester non-woven membrane, meets *USP, Class VI* requirements for plastic containers and closures.
- Adhesive - Proprietary Acrylate, meets ISO-10993, Biocompatibility requirements and does not contain any animal products.

### Product Dimensions:

- |                         |   |                  |                         |   |                     |
|-------------------------|---|------------------|-------------------------|---|---------------------|
| Overall Length          | - | 13.2 in. (335mm) | Overall Width           | - | 8.1 in. (206mm)     |
| Overall Height with cap | - | 8.0 in. (202mm)  | Tolerances              | - | +/- 0.1 in. (2.5mm) |
| Neck ID                 | - | 1.0 in. (26mm)   | Neck O.D. incl. Threads | - | 1.3 in. (32mm)      |
| Distance between plates | - | 0.67 in. (17mm)  |                         |   |                     |

### Total Cell Growth Area:

6360 cm<sup>2</sup>

### Recommended Working Volume:

1300 - 2000 ml

### Sterilization:

This lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 (AAMI TIR33) *Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization*.  
Sterility Assurance Level: SAL 10<sup>-6</sup>

### Pyrogens:

The CellStack has been tested and has met the criteria established in the current version of ANSI/AAMI ST 72:2002/(R)2010 *Bacterial Endotoxins - Test methodologies, routine monitoring, and alternative to batch testing*.  
Results: ≤ 0.1 EU/mL (≤ 4EU/device)

### Surface Characterization:

Surface is characterized to be hydrophilic, negatively charged, and composed of ≥20% oxygen atoms. The surface composition has been developed for cell attachment and growth.

### Cell Attachment and Growth Characteristics:

The product has been tested for the attribute of cell attachment and growth utilizing an attachment-dependent mammalian cell line in a serum supplemented media.

### Bovine Spongiform Encephalopathy and Transmissible Spongiform Encephalopathy:

This product is manufactured and packaged with animal free materials.

### Performance Testing:

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

Integrity Testing:

Forward pressurization of the product to 1.5 psi.

Cell Culture Treatment:

Wettability test using water to insure the presence of a hydrophilic surface.

Visual Attributes:

Visual examination of the product.

Packaging:

Inspection for seal and barrier integrity, accurate labeling, and correct product configuration.

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**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.

**Serial Number Designation:**

12 Digit Serial Number: First 8 digits - Lot number (see lot number designation above); Next 3 digits CellSTACK serial number; Last digit - Stack designation.

Rev No: 15

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