



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Corning Incorporated  
Life Sciences**

**Registered  
ISO 9001:2008**

## Product Description

**Catalog Number:** 10012

**Product Description:** Corning® HYPERStack® Vessel, HYPERStack®-12, multi-level cell growth vessel, CellBIND treated w/fill and vent accessories

**Component Materials:**

- Vessel Body - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Vessel Bottom Plate - Zylar, meets *USP, Class VI* requirements for plastic containers and closures.
- Vessel Film Layers - Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Tubing - C-Flex, Thermoplastic Elastomer, meets *USP, Class VI* requirements for plastic containers and closures.
- Filling Wye - Polycarbonate, meets *USP, Class VI* requirements for plastic containers and closures.
- Filter - 50mm / 0.2 µm Polytetrafluoroethylene (PTFE) membrane pore size, meets *Class VI* requirements for Biological Test for Plastics.
- Injection Port - Polycarbonate, meets *USP, Class VI* requirements for plastic containers and closures.
- MPC Connector/Plug - Polycarbonate, meets *USP, Class VI* requirements for plastic containers and closures.

**Product Dimensions:**

- |               |   |                     |                |   |                 |
|---------------|---|---------------------|----------------|---|-----------------|
| Length        | - | 331 mm (13.0 in)    | Width          | - | 202 mm (8.0 in) |
| Vessel Height | - | 71 mm (2.8 in)      | Height w/barbs | - | 109 mm (4.3 in) |
| Tolerances    | - | +/- 2.5 mm (0.1 in) |                |   |                 |

**Cell Growth Area per layer:**

500 cm<sup>2</sup>

**Cell Growth Area per Vessel:**

6000 cm<sup>2</sup>

**Recommended Total Working Volume:**

1300 ml

**Operational Settings:**

Maximim Internal Pressure: 0.8 psi

Recommended Fill Conditions: 1.5 L/minute

**Sterilization:**

This lot has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137 (AAMI TIR 33) *Sterilization of healthcare products-Requirements for validation and routine control-Radiation sterilization*.  
Sterility Assurance Level: SAL 10<sup>-6</sup>

**Pyrogens:**

This HYPERStack 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 and negatively charged, composed of > 20% oxygen atoms. This surface composition has been optimized 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 complies with the latest version of EMEA 410/01 "Note for Guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human veterinary products" by virtue of all bovine derived material having been processed per specific conditions of section 6.4 of EMEA/410/01.

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**Performance Testing:**

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

**Integrity Testing:**

Each vessel is individually pressure tested to insure mechanical integrity/specification compliance.

**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.

**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 3 digits, month/year of product; Last 9 digits vessel serial number.

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