

# Midisart® BV

## Sterile Venting Filter on Disposable Bag and Tubing Assemblies



### Description

Midisart® BV disposable venting filter manufactured with hydrophobic, reinforced PTFE membranes, are especially designed for sterile venting on disposable bag manifolds and tubing systems.

### Applications

Midisart® BV filter elements used on disposable bags do prevent the collapsing of the bag chamber during draining by sterile venting.

Used on disposable bag manifolds Midisart® BV facilitate sterile drainage of the tubing in order to empty the tubing connection between the single bags of the bag manifold.

### Stability

The reinforcement of the hydrophobic PTFE membrane by a Polyester fleece assures the full mechanical stability of the PTFE membrane for specified applications after gamma sterilization. Midisart® BV is integrity testable.

### Quality Control

Each individual element is tested 100% for housing and membrane sealing during manufacture. The lot number and the individual unit number are imprinted on the top part of each Midisart® BV housing to ensure complete traceability.

### Documentation

Midisart® BV filter elements are designed, developed and manufactured in accordance with an ISO 9001 certified Quality Management System. A Validation Guide is available for compliance with regulatory requirements.

### Specifications

#### Materials

Membrane:	PTFE
Support fleece:	Polyester
Housing:	Polypropylene

#### Pore Size

0.2 µm

#### Article Codes

17805-----BVE (12 per box)  
17805-----BVN (100 per box)

#### Connectors

Multiple stepped hosebarb (in- and outlet)

#### Filtration Area

20 cm<sup>2</sup> | 3 square inch

#### Housing Diameter

64 mm | 2.5"

#### Sterilization

Gamma Irradiation 50 kGy (max.)

#### Max. Operation Pressure

In direction of filtration:	1.5 bar   22 psi
Opposite direction:	0.5 bar   7 psi

Sartorius AG  
Weender Landstrasse 94-108  
37075 Goettingen, Germany

Phone +49.551.308.0  
Fax +49.551.308.3289  
www.sartorius.com

USA +1.631.2544249  
UK +44.1372.737100  
France +33.1.69192100  
Italy +39.055.634041  
Spain +34.91.3586100  
Japan +81.3.33293366

Specifications subject to change without notice.  
Printed and copyrighted by Sartorius - W/sart-000 - G  
Publication No.: SPT2004-e06031  
Order No.: 85030-530-97