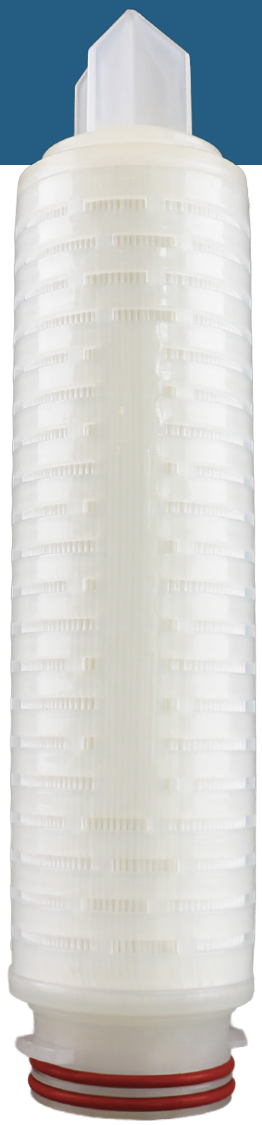
Vent-MAXX

Double Layer PTFE for Sterilization in Air & Vent Gas Applications

Clarity
clear solutions

PRODUCT HIGHLIGHTS

- **PTFE** membranes
- **Inherently hydrophobic** media
- **100% integrity tested**, High surface area
- **Sterilizing grade** in liquids, **Virus retentive** in gases
- **Thermally bonded** construction
- **Water intrusion** testable
- **Quality control certificate** with every filter
- **FDA listed materials** per CFR 21
- **Can be steam sterilized multiple times** in situ for longer filter life
- **Manufactured** in certified clean rooms



PRODUCT DESCRIPTION

Strainrite's Vent-Maxx gas sterilizing filters set a new standard for PTFE membrane elements. These filters utilize a technologically advanced membrane in our unique pleat construction to deliver unrivalled efficiency, superior strength, and high flow rates.

Vent-Maxx double layer PTFE membrane filters are designed to remove microorganisms, particulate, and moisture in your most demanding air and gas applications. These liquid validated sterilizing grade filters are designed to meet the highest levels of security required in the pharmaceutical, food and beverage, and biopharmaceutical industries.

Vent-Maxx filters conform to USP Class VI – 121oC and 21 CFR Part 177. Strainrite delivers clear solutions to your air and gas filtration applications.

ABSOLUTE RATED RETENTION
0.2 µm

END CAP INSERT
316 Stainless Steel

OUTSIDE DIAMETER
2.7" (6.87cm)

APPROX SURFACE AREA
7.5 square feet per 10" equivalent

MAXIMUM DIFFERENTIAL PRESSURE
Forward: 75 psid (5.1 bar) @ 75°F (24°C)
40 psid (2.8 bar) @ 180°F (82°C)
Reverse: 50 psid (3.4 bar) @ 75°F (24°C)

SEALS
Fluorocarbon | Silicone

MAXIMUM OPERATING TEMPERATURE
180°F (82°C) Continuous Duty Polypropylene

PLEAT SUPPORT MATERIAL
Polypropylene

FILTER MEDIA
Double Layer PTFE

PRODUCTION PROCESS
Thermal Bond

CAGE/CORE
Polypropylene

END CAPS
Polypropylene

TOXICITY
Cartridge materials meet USP Class VI and FDA CFR 21 for food and beverage contact

STERILIZATION
Vent-Maxx cartridges have been validated for bacterial removal in air at an aerosol bacterial challenge level of Brevundimonas diminuta at 107 per cm2 per ASTM (F 838-05)

Liquid challenge validated as sterilizing grade filter at a challenge level of Brevundimonas diminuta at 107 per cm2 per ASTM (F 838-05)

Water Intrusion Test (WIT) value of > 60 psi with a WIT not to exceed 75 psi

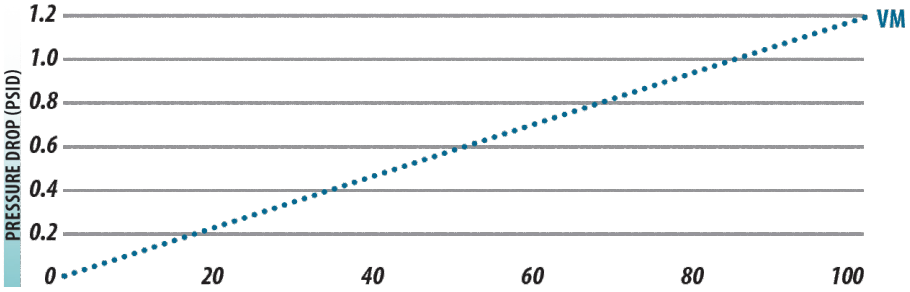
PACKAGING ECONOMY
Bulk packaging in case quantities to reduce material disposal:
5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton

LENGTHS
5 inch (12.7 cm) | 10 inch (25.4 cm) | 20 inch (50.8 cm) | 30 inch (76.2 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS



V 1026

ORDER OPTIONS

CARTRIDGE	RATINGS	LENGTH	END CAP	O-RING	GRADE
VM I Vent-MAXX	**0.2** *µm*	5" 10" 20" 30"	**C3** = Flat/222 **C6** = Flat/226 **C7** = Fin/226 **C8** = Fin/222	**S** = Silicone **V** = Fluorocarbon	**2** Pharmaceutical

VM – 10 (CARTRIDGE LENGTH) → C3 (END CAP CONFIGURATION) → S (GASKET / O-RING MATERIALS) → 2 (CARTRIDGE GRADE) → **VM-10C3S2**