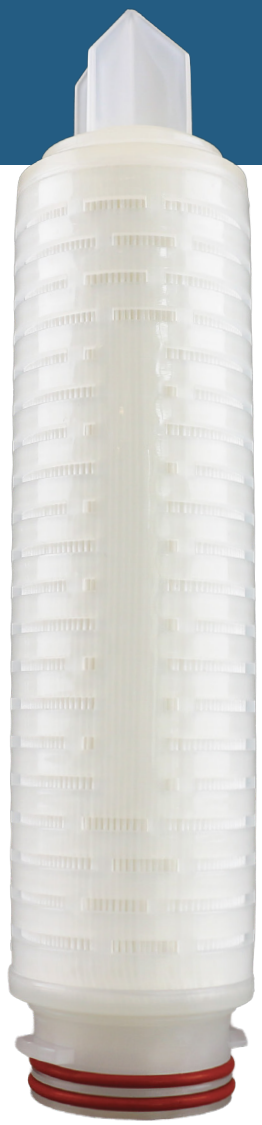
# Vent-Rite

Pleated PTFE for Sterilization in Air & Vent Gas Applications

Clarity
clear solutions

## PRODUCT HIGHLIGHTS

- **PTFE** membranes
- **Inherently hydrophobic** media
- **100% integrity tested,** High surface area
- **Aerosol validated,** 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-Rite hydrophobic, sterilizing PTFE membrane filters provide the highest levels of security in demanding air and gas applications. These filters are designed to remove microorganisms, particulate and moisture.

Strainrite's optimized design ensures exceptional gas flow rate and throughput for the biopharmaceutical, food and beverage markets. Vent-Rite filters are designed for applications that require particulate security to 0.003µm in gas and air and 0.2µm in liquids. Strainrite delivers value and security with these aerosol validated cartridges.

Vent-Rite meets USP Biological Reactivity Test Criteria, is non-fiber-releasing, and manufactured to withstand multiple sterilization cycles, when using industry recognized and accepted methods.

## ABSOLUTE RATED RETENTION
*0.2 µm liquids | 0.003 µm gasses*

## END CAP INSERT
*316 Stainless Steel*

## OUTSIDE DIAMETER
*2.7" (6.87cm)*

## *APPROX SURFACE AREA*
*8.5 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
*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-Rite 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)*

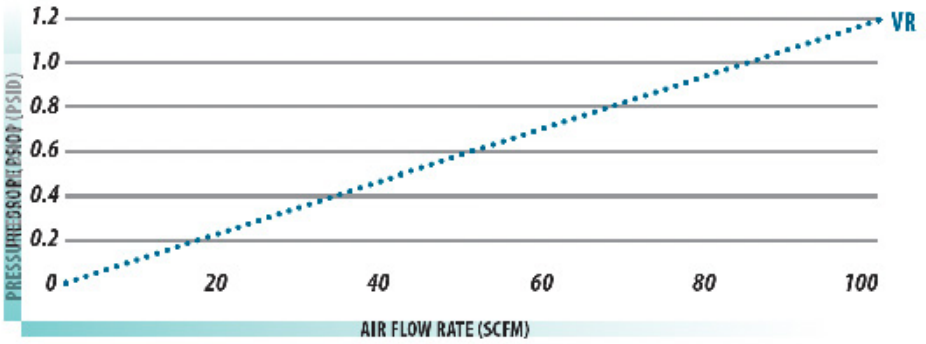
## PACKAGING ECONOMY
*Bulk packaging in case quantities to reduce material disposal:*
*5 inch - 48 per carton | 10 inch - 24 per carton | 20 inch - 12 per carton | 30 inch - 12 per carton*

## 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 | LENGTH | END CAP | O-RING | GRADE |
|---|---|---|---|---|
| **VR** I Vent-Rite | **5"**<br>**10"**<br>**20"**<br>**30"** | **C3** = Flat/222<br>**C6** = Flat/226<br>**C7** = Fin/226<br>**C8** = Fin/222 | **S** = Silicone<br>**V** = Fluorocarbon | **2** Pharmaceutical |

VR – 10 (CARTRIDGE LENGTH) → C8 (END CAP CONFIGURATION) → S (GASKET / O-RING MATERIALS) → 2 (CARTRIDGE GRADE) → **VR-10C8S2**