

FILTERITE® ASYMMETRIX™ VERSA™ SERIES

FILTER CARTRIDGES

Ultrapure Water Filter

- Patented* Highly Asymmetric Polysulfone Media
- Available in Retention Ratings from 0.05 to 1.2 µm Absolute
- Superior Flow Rates
- Longer On-Stream Life than Conventional Membrane Products
- High Purity Polypropylene Hardware
- End Configurations to Fit Any Housing

Performance Specifications

Retention Ratings:

0.05, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2 µm absolute

Maximum Forward Differential Pressure:

80 psid (5.5 bar) ΔP at 68° F (20° C)

20 psid (1.4 bar) ΔP at 203° F (95° C)

Sanitizing Agents:

Suitable for use with most commonly used sanitizing agents. Consult factory for compatibility information.

Toxicity:

Cartridge components meet all USP-XXIII, Class VI criteria.

Pre-Rinsing:

A pre-rinse with 18 megohm-cm water is available upon request. (Specify 415 at end of item description.)

Rinse-Up:

Cartridge will rinse-up to 18 megohm-cm with a minimum of throughput.

Product Specifications

Materials of Construction:

Filter Media:	Highly Asymmetric Polysulfone
Core, Cage, and Endcaps:	Polypropylene
Surface Treatment:	Hydroxypropylcellulose
Support & Drainage:	Polypropylene
Side Seal:	Thermal Bond
End Cap Seal:	Thermal Bond
O-rings/Gaskets:	Silicone, EPDM, Buna N, Viton A, White Silicone

Dimensions:

Lengths:	4", 10", 20", 30", 40" [nominal] (10.2, 25.4, 50.8, 76.2, 102 cm)
Diameter:	2.6 inches (6.6 cm) [nominal]



* U.S. Patent No. 4,629,563, 4,774,039,
5,171,445, and 5,188,734
Additional patents pending.

FILTERITE ASYMMETRIX VERSA SERIES FILTER CARTRIDGES

Performance Parameters

Cartridge Grade	Absolute Retention Rating (µm)	DI Water Flow per 1 psid (gpm, 10" equivalent)
050	0.05	1.3
100	0.1	1.7
200	0.2	3.0
450	0.45	5.5
650	0.65	6.0
800	0.8	7.0
1200	1.2	8.0

Ordering Information

	AX	VR	200	10	M3	S	
<p>Asymmetrix Series: VR = Versa Series</p> <p>Absolute Retention Ratings: 050 = 0.05 µm 100 = 0.1 µm 200 = 0.2 µm 450 = 0.45 µm 650 = 0.65 µm 800 = 0.8 µm 1200 = 1.2 µm</p> <p>Cartridge Lengths: 04 = 4" 10 = 10" 20 = 20" 30 = 30" 40 = 40"</p> <p>End Configurations: M3 - SOE flat closed end, external 222 O-rings (replaces Pall Code 3, MILLIPORE® Code 0) M5 - Double open end, internal O-rings (replaces NUCLEPORE® DOE) M7 - SOE fin end, external 226 O-rings (replaces Pall Code 7, Millipore Code 7) M8 - SOE fin end, external 222 O-rings (replaces Pall Code 8, Millipore Code 5) M10 - Double open end, internal O-rings fits Ametek housings DOE-Double open end industrial</p>							<p>O-rings/Gaskets: S = Silicone E = EPDM V = Viton A N = Buna N T = TEFLON® Encapsulated Silicone (O-rings) T = Expanded PTFE (gaskets) M = White Silicone</p>



USF FILTRATION & SEPARATIONS GROUP INC.
REGISTERED NO. A2041



USF FILTRATION & SEPARATIONS GROUP INC.
REGISTERED NO. JIM0209



USF FILTRATION & SEPARATIONS GROUP INC.
REGISTERED NO. FM23897

FILTERITE is a registered trademark of USFilter and/or its Affiliates.
 ASYMMETRIX and VERSA are trademarks of USFilter and/or its Affiliates.
 TEFLON is a registered trademark of the DuPont Company.
 MILLIPORE is a registered trademark of the Millipore Corporation.
 NUCLEPORE is a registered trademark of the Costar Corporation



Filterite Division
 2118 Greenspring Drive
 Timonium, Maryland 21093
 410.252.0800 phone
 410.560.2857 fax
 www.filterite.com website
 filterite@usfiltration.com e-mail