



**American Filter
Manufacturing**

HIGH FLOW PLEATED CARTRIDGES

AFM's High Flow Pleated Filter Cartridges deliver dependable particle removal with efficiencies of 90% and 99.98%. Constructed from 100% FDA Title 21 compliant polypropylene, the cartridges feature thermally bonded end caps, ultrasonic welded seams, and a one-piece design for strength and reliability. Each filter is engineered with maximum media for higher dirt-loading capacity and extended service life, reducing maintenance and downtime. Available in multiple micron ratings, lengths, end cap configurations, and inside-out or outside-in flow patterns, they provide a versatile solution for a wide range of filtration applications.

PRODUCT FEATURES

- Manufactured in-house under strict guidelines with full porometer testing for consistency
- Broad selection of micron ratings, lengths, and end cap styles
- Durable one-piece construction with thermally bonded components
- Flow pattern options tailored to specific housing requirement

INDUSTRY APPLICATIONS

- Portable & Process Water
- Commercial/Retail Distribution
- Custom/OEM Application
- Desalination
- Food and Beverage
- Industrial
- Municipalities

MATERIALS OF CONSTRUCTION

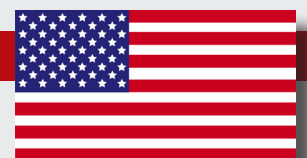
Filter Media:	Polypropylene Melt Blown
Core:	Polypropylene
Netted Outer Cage:	Polypropylene
Support Material:	Polypropylene
Sealing:	Thermal Bond
O-Rings:	Buna N, Viton®, Teflon®, Silicone, Neoprene & EDPM

**Mutli layer construction
for maximum pleat
support and dirt loading**



PROUDLY MADE IN THE USA

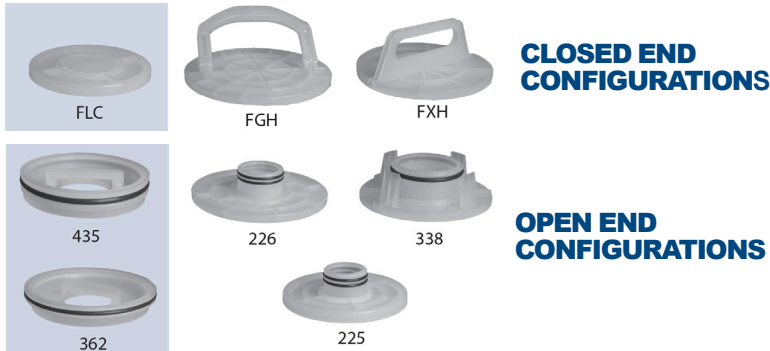
www.afm.us



PRODUCT SPECIFICATIONS

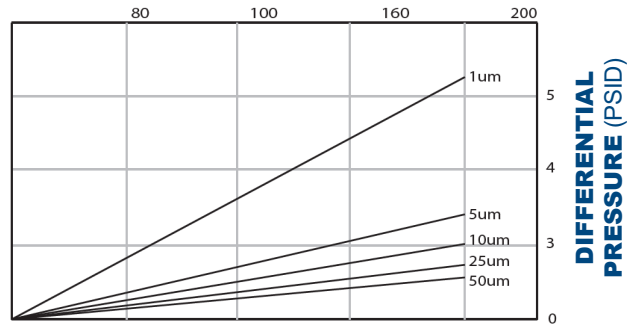
Performance Specifications	Operating Conditions	Certification	Toxicity	Purity
Retention Ratings of 90% and 99.98% at: .5, 1, 3, 5, 10, 25, 50 & 100 Micron	Maximum Differential Pressure: 50 psid @ 180°F, 82°C	NSF/ANSI 61	AFM's Cartridges are manufactured with no additives or other manufacturing agents. We guarantee all materials used in the production meet FDA Title 21 of the Code of Federal Regulations 174.5 and 177.1520	Cartridges are Free of Surfactants, Resins, Binders and Adhesives

ENDCAP OPTIONS



FLOW RATE

(US GAL/MIN) 40" ELEMENT



PRODUCT IDENTIFICATION

High Flow Cartridge	Media	Efficiency	Micron	Length	Open End	Close End	O-Ring	Outer Support
HF	E	A	1	2		FGH	B	C
HF = Pleated	E = Polypropylene C = Polyester CE = Cellulose GF = Glass Microfiber	A = 90% B = 99.98%	.5 1 3 5 10 25 50 100	5 = 20 7 = 30 8 = 39 9 = 40 10 = 60 11 = 80 A = Custom	225 226 338 362 435	FGH = Folding FXH = Fixed Handle FLC = Flat	B = Buna V = Viton® T = Teflon® S = Silicone N = Neoprene D = EPDM	C = Hard Cage N = Netting

* Other options available upon request

WEIGHTS & DIMENSIONS

Cartridge Length (in)	Cartridge Weight (lbs)	Qty/Box	Box Weight (lbs)	Box Dimensions (L x W x H in)	Cartridge Qty/Pallet	Pallet Weight (lbs)	Pallet Dimensions (L x W x H in)
10	1.67	1	6	8 x 8 x 10	75	475	40 x 48 x 36
20	3.33		12	8 x 8 x 20	50	625	40 x 48 x 46
30	5		18	8 x 8 x 32	50	925	40 x 48 x 70
40	6.67		24	8 x 8 x 45	50	1225	40 x 48 x 96
60	10		30	8 x 8 x 60	25	775	40 x 48 x 66
80	14.67		36	8 x 8 x 80	25	925	40 x 48 x 86

* Weights and dimensions are approximate



Certified by IAPMO R&T to NSF/ANSI 61 for material safety only.



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