



**American Filter
Manufacturing**

**SE & SC Series
for Cost Effective
Filtration Applications**

STANDARD EFFICIENCY PLEATED CARTRIDGES

AFM's standard efficiency pleated cartridges are designed and manufactured in-house to deliver consistent quality and reliable performance across a wide range of applications. With multiple media options, precise sizing, and FDA-compliant materials, these cartridges offer durability, versatility, and superior filtration results.

PRODUCT FEATURES

- Available in polypropylene and polyester media with 8 micron ratings, multiple diameters (2.5", 2.75", 4.5"), and lengths up to 40".
- In-house production of molds and PVC end caps, plus custom sizes and applications welcomed.
- High-temperature resistant plastisol end caps and ultrasonically welded seams for zero bypass.
- Maximum media loading without pleat blinding for extended dirt-holding capacity; all materials FDA Title 21 compliant.

INDUSTRY APPLICATIONS

- Commercial/Retail Distribution
- Custom/OEM Application
- Desalination
- Food and Beverage
- High Purity Water
- Industrial
- Municipalities
- Residential



Certified by IAPMO R&T
to NSF/ANSI 42 for
material safety only.



PROUDLY MADE IN THE USA

www.afm.us



PRODUCT SPECIFICATIONS

Surface Area	Performance Specifications	Operating Conditions	FDA Listed Materials
Up to 5.5ft ² (.23m ²) of Effective Filtration Area per 10" equivalent, dependent upon micron rating	Retention Ratings: 1, 5, 10, 20, 30, 40 & 50 micron	Maximum Differential Pressure: 35 psid @ 120°F (49°C)	Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. code of federal regulations.
Materials of Construction		Dimensions (Nominal)	
Filter Media:	Polypropylene or Polyester Non-woven	Outside Diameter:	2.5", 2.75", 4.5"

PRODUCT IDENTIFICATION

Standard Eff. Pleated Cartridge	Media	Core	Cartridge Diameter	Micron	Cartridge Length	End Caps
S	E	E	S	1	5	1
S	E = Polypropylene C = Polyester	E = Polypropylene C = Custom	S = 2.5" standard B = 2.75" M = 4.5" C = Custom	0.5 1 5 10 20 30 40 50	1 = 9.875 2 = 9.75 3 = 10 4 = 19.5 5 = 20 6 = 29.25 7 = 30 8 = 39 9 = 40	1 = DOE/plastisol A = Custom

* Other options available upon request

WEIGHTS & DIMENSIONS

2.5" Standard Cartridge Diameter							
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	0.4	30	13	13.25 x 7.75 x 24	1350	415	48 x 40 x 54
20	0.8	15	13	13.25 x 7.75 x 24	675	415	48 x 40 x 54
30	1.2	15	19.5	13.25 x 7.75 x 31	450	610	48 x 40 x 68
40	1.6	15	26	13.25 x 7.75 x 43	450	805	48 x 40 x 92
2.75" Standard Cartridge Diameter							
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	0.5	24	13	16.25 x 11.75 x 10.125	1800	415	48 x 40 x 54
20	1		25	16.25 x 11.75 x 24	1080	415	48 x 40 x 54
30	1.5		37	16.25 x 11.75 x 31	720	775	48 x 40 x 68
40	2		49	16.25 x 11.75 x 43	720	1135	48 x 40 x 92
4.5" Standard Cartridge Diameter							
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	1.1	12	15	13.25 x 9 x 20.125	540	475	48 x 40 x 46.25
20	2.2	6			270		

* Weights and dimensions are approximate



American Filter Manufacturing

American Filter Manufacturing

1030 East Elm Street
Rensselaer, IN 47978

Office: (219) 866-3500
Email: order@afm.us

www.afm.us

© 2025 American Filter Manufacturing | Information in this document subject to change without notice.