

PPOW Pleated Polypropylene 2.75" Cartridges

- Thermal Bonded construction – no adhesives
- Pleated media for high capacity & long life
- FDA-Certified polypropylene
- 99.98% efficiency in all micron ratings
- Standard 2.75" diameter, over 6 sq. ft. of media
- Continuous-length pleats – 10" to 40"
- Numerous configurations available
- Interchangeable with all popular sizes
- Max. Operating Temp. 80 deg.C (176 deg.F)



Synthetic microfibers have excellent filtration and fluid compatibility properties.



Media

We use 100% FDA-Certified media and components in these filters, for added purity. Media are tested and rated to be 99.98% efficient at their published micron rating.

Typical Water Flowrates per 10"	
0.2um	4.0gpm/psid
0.5um	4.5gpm/psid
1.0um	6.0gpm/psid
3.0um	12.0gpm/psid
5.0um	18.0gpm/psid
10.0um	25.0gpm/psid
15.0um	30.0gpm/psid
20.0um	45.0gpm/psid
25.0um	50.0gpm/psid

Quality Construction

Our Pleated Synthetic filter cartridges have ultrasonically-bonded side seams and the entire assembly is thermally-fused, for ultimate strength and reliability, without adhesives. Filters are individually poly-bagged to maintain cleanliness. A variety of gasket & O-ring materials are available, for broad fluid compatibility. Recommended change-out is 30 PSID.

Filter media: Polypropylene

Support layers: Polypropylene

Hard Cage: Polypropylene / Netting: Low Density Polyethylene

FDA approved materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

Ordering Information

Series	Micron	Length	Inner Core	Seal	End Caps	Outer Cage
PPOW = 2.75" Pleated Polypropylene	0.2A	10 = 10.0"	F = Glass Filled Polypropylene	N = Buna - N	DO = Double Open End	PC = Polypropylene Cage
	0.5A	20 = 20.0"	N = Natural Polypropylene	E = EPDM	226C = 226 O-Ring / Flat End	
	1A	30 = 30.0"		P = Neoprene	226F = 226 O-Ring / Fin	
	3A	40 = 40.0"		V = Viton	222C = 222 O-Ring / Flat End	
	5A			S = Silicone	222F = 222 O-Ring / Fin	
	10A			ES = Teflon Encap. Silicone		
	15A			EV = Teflon Encap. Viton		
	20A					
	25A					

Applications

Our pleated synthetic filters are used in a number of industries, including Chemical, Electronic, Pharmaceutical, Food & Beverage, Coatings and Oil & Gas Processing applications.

Biological Safety: All components meet USP specifications for Class VI-121°C plastics criteria.