

PSJ Series

Pleated Synthetic Jumbo Filter Cartridges



Applications

- Potable Drinking Water
- Industrial Wastewater Treatment
- Process Water
- Reverse Osmosis Prefiltration
- Cooling Tower Filtration
- Desalination Prefiltration
- Food and Beverage
- Oil and Gas
- Paints, Inks and Coatings
- Paper and Pulp



USA MADE

*Residential / Commercial / Industrial
Filtration Applications*

Standard Features

- Manufactured in USA
- Pleated surface area translates to longer filter life, higher loading capacity, and increased particle removal
- Pleated polypropylene material provides lower initial pressure drop and also provides higher flow rates
- The center tube, end cap and polypropylene filter media are thermally bonded as one unit, which provides additional strength
- Fewer cartridges means lower maintenance costs and fewer filter change-outs
- Cartridges are cleanable and reusable in most micron ratings and filtration applications
- Filters available in three sizes for all your high flow requirements: 40, 90 and 170. Eight micron ratings available: 1A, 1, 5, 10, 20, 50, 100 and 150

Specifications, Operating Parameters and Options

Filter Media

Pleated polypropylene melt blown

End Caps

Polypropylene FDA listed materials according to Title 21 U.S. Code of Federal Regulations for food contact applications.

Center Tubes

Polypropylene

Temperature Rating

160°F (71.1°C) temperature limit*

Micron Ratings Available

Nominal micron ratings of 1A, 1, 5, 10, 20, 50, 100 and 150

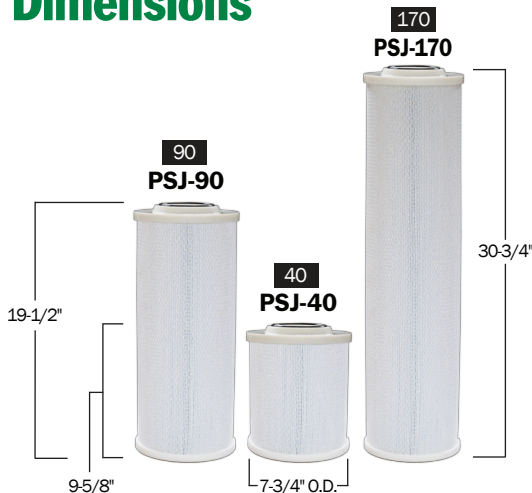
*Temperature limits vary and depend on pressure and time under load

Cartridge Selection and Sizing Guide

Cartridge Length	Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate*	Maximum Flow Rate* (GPM)	Maximum Flow Rate* (LPM)	Maximum Flow Rate* (M ³ /HR)	No. Per Carton	Carton Size	
Neo-Pure Pleated Synthetic Jumbo Cartridges - Rated up to 140°F (60°C)										
9-5/8"	PSJ-40-1A	0.35/1*	40	40	50	189	12	1	9x9x11	
	PSJ-40-01	1	40	40	50	189	12	1	9x9x11	
	PSJ-40-05	5	40	40	50	189	12	1	9x9x11	
	PSJ-40-10	10	40	40	50	189	12	1	9x9x11	
	PSJ-40-20	20	40	40	50	189	12	1	9x9x11	
	PSJ-40-50	50	40	40	40	50	189	12	1	9x9x11
	PSJ-40-100	100	40	40	40	50	189	12	1	9x9x11
	PSJ-40-150	150	40	40	40	50	189	12	1	9x9x11
19-1/2"	PSJ-90-1A	0.35/1*	90	80	100	378	24	1	9x9x21	
	PSJ-90-01	1	90	80	100	378	24	1	9x9x21	
	PSJ-90-05	5	90	80	100	378	24	1	9x9x21	
	PSJ-90-10	10	90	80	100	378	24	1	9x9x21	
	PSJ-90-20	20	90	80	100	378	24	1	9x9x21	
	PSJ-90-50	50	90	80	100	378	24	1	9x9x21	
	PSJ-90-100	100	90	80	100	378	24	1	9x9x21	
	PSJ-90-150	150	90	80	100	378	24	1	9x9x21	
30-3/4"	PSJ-170-1A	0.35/1*	170	130	150	568	36	1	9x9x32	
	PSJ-170-01	1	170	130	150	568	36	1	9x9x32	
	PSJ-170-05	5	170	130	150	568	36	1	9x9x32	
	PSJ-170-10	10	170	130	150	568	36	1	9x9x32	
	PSJ-170-20	20	170	130	150	568	36	1	9x9x32	
	PSJ-170-50	50	170	130	150	568	36	1	9x9x32	
	PSJ-170-100	100	170	130	150	568	36	1	9x9x32	
	PSJ-170-150	150	170	130	150	568	36	1	9x9x32	

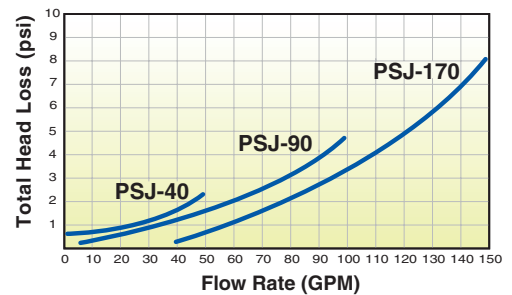
*0.35 micron nominal / 1 micron absolute

Dimensions



Filter Housings Selection Guide
CLICK HERE

Pressure Drop



Above: Pressure drop is for filter housing and 20 micron filter cartridge in clean water.

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