

PSJE Series Pleated Synthetic Jumbo High Flow Filter Cartridges



Residential/Commercial/Industrial/Municipal Filtration Applications

Standard Features

- The center tube and end cap is made of 100% polypropylene,
- The media is made of pleated synthetic fiber, NO cellulose (paper) which is subject to bacterial growth. It also provides lower initial pressure drop which provides higher flow rates and longer filter run
- The center tube, end cap and filter media are thermally bonded as one unit, which provides additional strength and a positive seal
- Tested and certified by WQA to NSF/ANSI/CAN Standard 61 and NSF/ANSI/CAN Standard 372
- Cartridges are cleanable and reusable in most micron ratings and filtration applications
- Available in three sizes for all your high flow requirements: 40, 90 and 170 Series.
- Filters Manufactured in an ISO 5 Class 100 Cleanroom environment



Applications

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



PSJE Pleated Cartridges are tested and certified by WQA against NSF/ANSI/CAN 61 and NSF/ANSI/CAN 372

Product Specifications

Nominal Micron Sizes

0.35, 1, 5, 10, 20, 50, 100 and 150 microns

Cartridge Lengths

9-5/8", 19-1/2", and 30-3/4

Outside Diameters

7-3/4" OD

Operating Temperature

176°F (80°C) temperature limit*

Materials of Construction

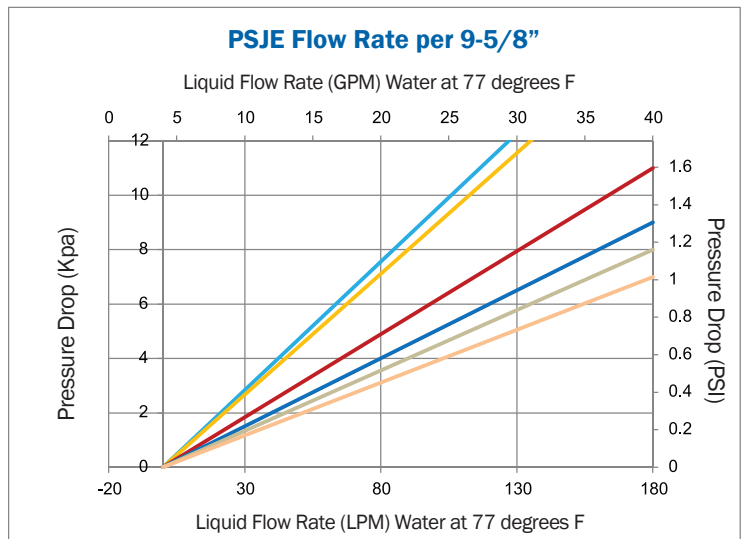
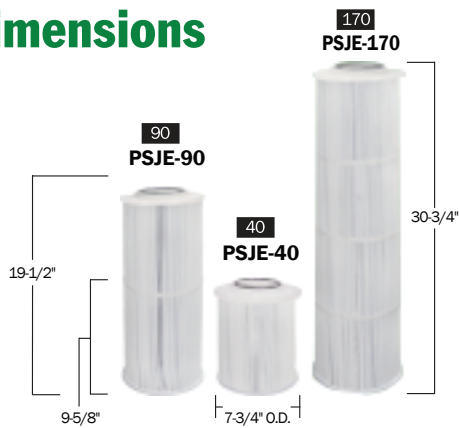
Filter Media: Pleated synthetic melt blown
Core: Polypropylene
End Caps: Polypropylene
End Seal: Grommet - EDPM
O-Ring: EDPM

* 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 176°F (80°C)										
9-5/8"	PSJE-40-S35	0.35	40	40	50	189	12	1	9x9x11	
	PSJE-40-1A	1A		40	50	189	12	1	9x9x11	
	PSJE-40-01	1	40	40	50	189	12	1	9x9x11	
	PSJE-40-05	5	40	40	50	189	12	1	9x9x11	
	PSJE-40-10	10	40	40	50	189	12	1	9x9x11	
	PSJE-40-20	20	40	40	50	189	12	1	9x9x11	
	PSJE-40-50	50	40	40	50	189	12	1	9x9x11	
	PSJE-40-100	100	40	40	40	50	189	12	1	9x9x11
	PSJE-40-150	150	40	40	40	50	189	12	1	9x9x11
19-1/2"	PSJE-90-S35	0.35	90	80	100	378	24	1	9x9x21	
	PSJE-90-1A	1A	90	80	100	378	24	1	9x9x21	
	PSJE-90-01	1	90	80	100	378	24	1	9x9x21	
	PSJE-90-05	5	90	80	100	378	24	1	9x9x21	
	PSJE-90-10	10	90	80	100	378	24	1	9x9x21	
	PSJE-90-20	20	90	80	100	378	24	1	9x9x21	
	PSJE-90-50	50	90	80	100	378	24	1	9x9x21	
	PSJE-90-100	100	90	80	100	378	24	1	9x9x21	
	PSJE-90-150	150	90	80	100	378	24	1	9x9x21	
30-3/4"	PSJE-170-S35	0.35	170	130	150	568	36	1	9x9x32	
	PSJ -170-1A	1A	170	130	150	568	36	1	9x9x32	
	PSJE-170-01	1	170	130	150	568	36	1	9x9x32	
	PSJE-170-05	5	170	130	150	568	36	1	9x9x32	
	PSJE-170-10	10	170	130	150	568	36	1	9x9x32	
	PSJE-170-20	20	170	130	150	568	36	1	9x9x32	
	PSJE-170-50	50	170	130	150	568	36	1	9x9x32	
	PSJE-170-100	100	170	130	150	568	36	1	9x9x32	
	PSJE-170-150	150	170	130	150	568	36	1	9x9x32	

Dimensions



KEY: 0.35µ 1µ 5µ 10µ 20µ 50µ