

PSJE Series

Pleated Synthetic Jumbo
High Flow Filter Cartridges



Residential / Commercial / Industrial / Municipal
Filtration Applications

Standard Features

- The center tube, end cap and filter media is made of 100% polypropylene, NO cellulose (paper) which is subject to bacterial growth
- Pleated polypropylene material provides lower initial pressure drop which provides higher flow rates and longer filter run
- The center tube, end cap and polypropylene filter media are thermally bonded as one unit, which provides additional strength and a positive seal
- 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

Applications

- 1 Cooling Tower Filtration
- 2 Desalination Prefiltration
- 3 Food and Beverage
- 4 Industrial Wastewater Treatment
- 5 Oil and Gas
- 6 Paints, Inks and Coatings
- 7 Paper and Pulp
- 8 Potable Drinking Water
- 9 Process Water
- 10 Reverse Osmosis Prefiltration

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

160°F (71.1°C) temperature limit*

Materials of Construction

Filter Media: Pleated polypropylene melt blown

Core: Polypropylene

End Caps: Polypropylene

End Seal: Grommet - Buna N

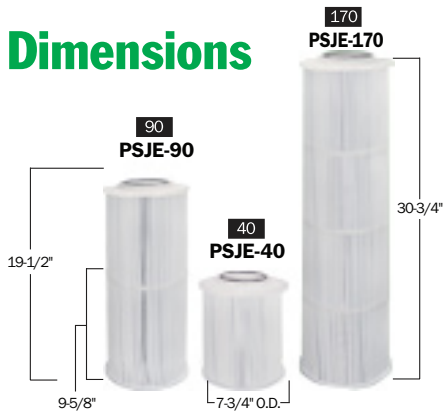
O-Ring: Buna N or EDPM

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

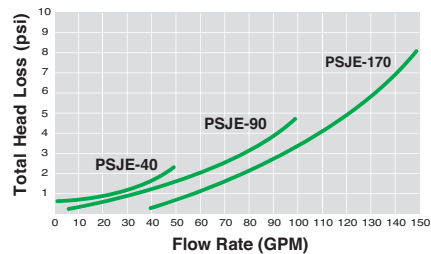
Cartridge Selection and Sizing Guide

Cartridge Length	Product Code	Nominal Micron Rating	Media (sq ft)	Recommended Flow Rate*	Maximum Flow Rate* (GPM)	Maximum Flow Rate* (LPM)	Maximum Flow Rate* (M3/HR)	No. Per Carton	Carton Size	
	Neo-Pure® Pleated Synthetic Jumbo Cartridges - Rated up to 140°F (60°C)									
9-5/8"	PSJE-40-S2A	0.2A	40	40	50	189	12	1	9x9x11	
	PSJE-40-S35	0.35	40	40	50	189	12	1	9x9x11	
	PSJE-40-1A	1A	40	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	40	50	189	12	1	9x9x11
	PSJE-40-20	20	40	40	40	50	189	12	1	9x9x11
	PSJE-40-50	50	40	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-S2A	0.2A	90	80	100	378	24	1	9x9x21	
	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-S2A	0.2A	170	130	150	568	36	1	9x9x32	
	PSJE-170-S35	0.35	170	130	150	568	36	1	9x9x32	
	PSJE-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	130	150	568	36	1	9x9x32

*0.35 micron nominal / 1 micron absolute



Pressure Drop



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

Distributed By:



2299 Ridge Rd., Greenville, SC
P: 858.429.9351 • F: 858.737.2978
NeoLogicSolutions.com • Info@NeoLogicSolutions.com

Questions?

Ask our Service Representatives at:
888.859.1188 Mon.-Fri. 8a-8p,
Sat 8:30a-4:30p EST.