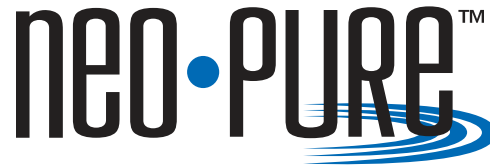


# PSJ Series

## Pleated Synthetic Jumbo High Flow Filter Cartridges



*Residential/Commercial/Industrial/Municipal  
Filtration Applications*

## Standard Features

- Manufactured in the USA
- 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
- Tested and certified by WQA to NSF/ANSI Standard 61
- 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

- 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

## Product Specifications

### Nominal Micron Sizes

0.2A, 0.35, 1A, 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



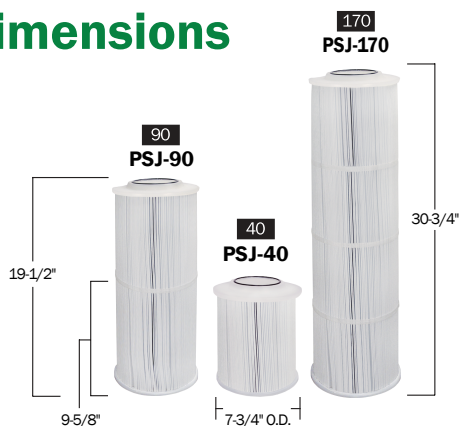
PSJ Pleated Cartridges are tested and certified by WQA to: NSF/ANSI 61 Standard

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

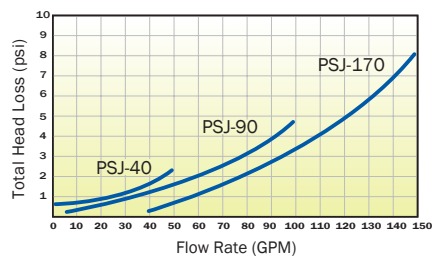
# Cartridge Selection and Sizing Guide

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 <sup>3</sup> /HR)	No. Per Carton	Carton Size
Neo-Pure Pleated Synthetic Jumbo Cartridges - Rated up to 140°F (60°C)									
9-5/8"	PSJ-40-S2A	0.2A	40	40	50	189	12	1	9x9x11
	PSJ-40-S35	0.35	40	40	50	189	12	1	9x9x11
	PSJ-40-1A	1A	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	50	189	12	1	9x9x11
	PSJ-40-100	100	40	40	50	189	12	1	9x9x11
PSJ-40-150	150	40	40	40	50	189	12	1	9x9x11
19-1/2"	PSJ-90-S2A	0.2A	90	80	100	378	24	1	9x9x21
	PSJ-90-S35	0.35	90	80	100	378	24	1	9x9x21
	PSJ-90-1A	1A	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	80	100	378	24	1	9x9x21
30-3/4"	PSJ-170-S2A	0.2A	170	130	150	568	36	1	9x9x32
	PSJ-170-S35	0.35	170	130	150	568	36	1	9x9x32
	PSJ-170-1A	1A	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	170	130	150	568	36	1	9x9x32

## Dimensions



## Pressure Drop



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



**Filter Housings Selection Guide**  
[CLICK HERE](#)



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### QUESTIONS?

Ask one of our Service Representatives:  
 Mon-Fri 8a-8p, Sat 8:30a-4:30p EST

We ship six days a week!

