

SJC Series

Pleated Jumbo Cartridges



- Available in 0.35 to 150 micron ratings
- Large diameter, single cartridge construction makes installations and change outs simple and quick with minimal handling
- High media surface area for maximizing service life and optimizing filter performance and value
- Rugged construction designed for residential, commercial and industrial use, and made in the USA
- Compatible with wide range of potable water and aqueous industrial applications
- Available in three sizes for flow rates up to 150 GPM
- 20 micron and above cartridges may be washed and reused
- Center tube, end caps, and media are all polypropylene
- Thermally bonded construction provides additional strength

Applications

RO Prefilters	Food & Beverage
Process Water	Bottled Water
Swimming Pools	Spas
Plating Solutions	Water & Wastewater

Specifications & Operating Parameters

Pore Sizes

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

Nominal Lengths

Surface Area

40 series	9 5/8" (24.5 cm)	40 sq ft
90 series	19 1/2" (49.5 cm)	90 sq ft
170 series	30 3/4" (78.1 cm)	170 sq ft

Outside Diameter

7 3/4" (19.68 cm)

Materials of Construction

Filter Media:	Polypropylene
Inner Core:	Polypropylene
End caps:	Polypropylene
Gaskets:	EPR Standard. Contact factory for other available options

Operating Temperature Range:

40°F (4.4°C) – 140°F (60°C)

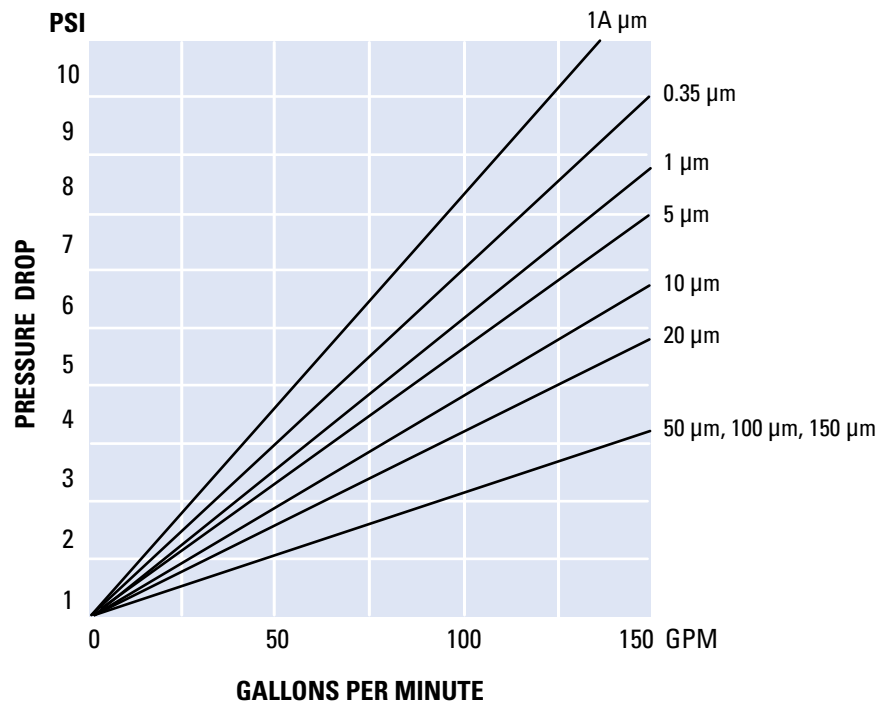
Recommended Change-out Differential Pressure

20-25 psid (1.4 – 1.7 bar)

Maximum Flow Rates Per Cartridge –GPM (LPM)

Micron	Series		
	40	90	170
1A	20 (75.7)	40 (151.4)	80 (302.8)
0.35	25 (94.6)	50 (189.3)	100 (378.5)
1	30 (113.6)	60 (227.2)	120 (454.2)
5	50 (189.3)	100 (378.5)	150 (567.8)
10	50 (189.3)	100 (378.5)	150 (567.8)
20	50 (189.3)	100 (378.5)	150 (567.8)
50	50 (189.3)	100 (378.5)	150 (567.8)
100	50 (189.3)	100 (378.5)	150 (567.8)
150	50 (189.3)	100 (378.5)	150 (567.8)

Flow vs. Pressure Drop



Ordering Guide (Example: SJC-170-5)

SJC	170	5
MODEL	SERIES	MICRONS
SJC	40 90 170	1A 0.35 1 5 10 20 50 100 150

Filter Housings

Shelco manufactures a full line of filter housings. From our rugged single cartridge housings to our heavy duty multi-cartridge housings and bag filter housings, Shelco is the perfect choice for your filtration solutions.



Shelco Filters

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