

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

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

Surface Area

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)

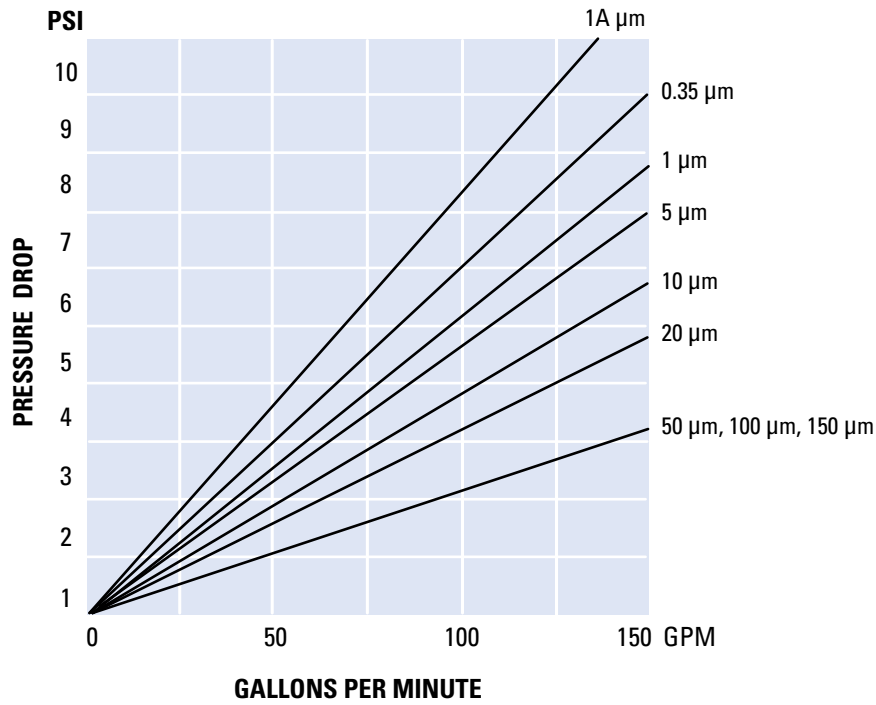
Recommended Change-out Differential Pressure

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

100 Bradley Street
Middletown, CT 06457 USA

Tel: 800-543-5843 / Fax: 860-854-6120 / E-mail: info@shelco.com

MicroSentry™, MicroVantage™, Shelco Filters® and the Shelco logo are registered trademarks of the Tinny Corporation. Shelco Filters is a division of the Tinny Corporation.