

# SJC Series

Pleated Jumbo Cartridges



- Available in 0.35 to 100 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
- 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

### 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, 20, 50 and 100 microns

### Nominal Lengths

40 series 9 5/8" (24.5 cm)

90 series 19 1/2" (49.5 cm)

170 series 30 1/4" (76.8 cm)

### Outside Diameter

7 3/4" (19.68 cm)

### Materials of Construction

Filter Media: Polypropylene / Polyester Blend

Inner Core: PVC

End caps: Polyurethane

### Operating Temperature Range:

40°F (4.4°C) – 140°F (60°C)

### Recommended Change-out Differential Pressure

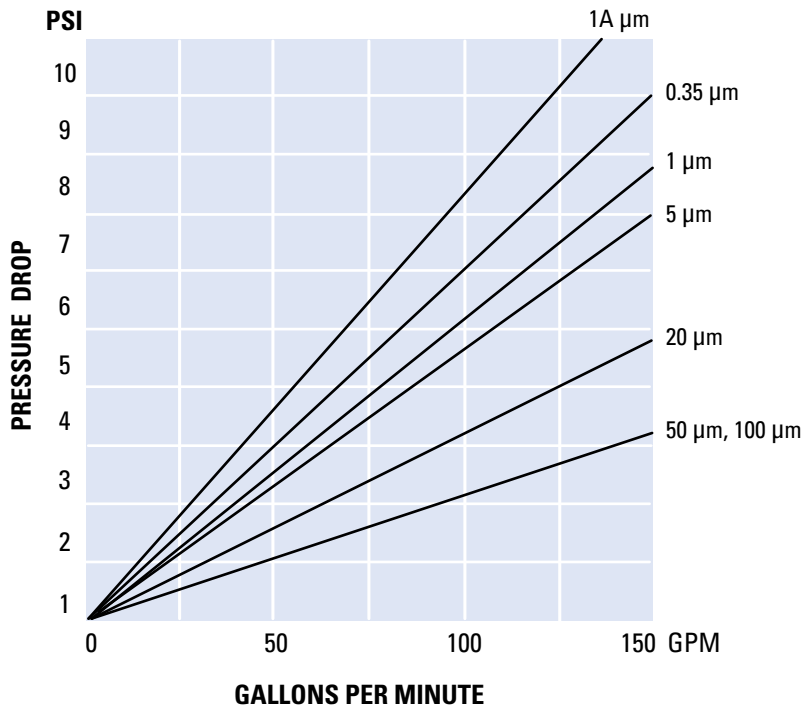
20-25 psid (1.4 –1.7 bar)

### 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)
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)

## Filter Removal Efficiency

### Flow vs. Pressure Drop

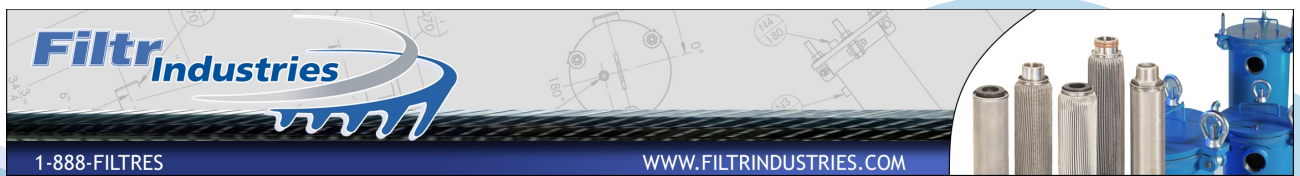


## Ordering Guide (Example: SJC-170-5)

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

## 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.



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