

## PS Series High Efficiency Pleated Filter Cartridges



Residential / Commercial / Industrial  
Filtration Applications

### Features

- Special non-cellulose media provides excellent resistance to bacterial growth and chemical attack
- Long service life and reduced maintenance costs
- Synthetic polyester pleated fabric around a durable polypropylene core
- Filters available in standard 2-3/4" and 4-1/2" cartridge diameters

### Product Specifications

#### Nominal Micron Ratings & Efficiency

0.35, 1A, 1, 5, 10, 20, 50, 100 micron available  
Rated 85% efficient

#### Filter Lengths

9-3/4", 19-1/2", 20", 29-1/4", 30", and 40"

#### Outside Diameters

2-3/4" and 4-1/2" OD

#### Inside Diameter

1-1/16" ID

#### Surface Area

2-3/4" dia. has 5 sq ft of media per 9-3/4"  
4-1/2" dia. has 12 sq ft of media per 9-3/4"

#### Operating Temperature

40°F – 100°F (4.4°C – 37.7°C) temperature limit\*

#### Initial Pressure Drop

< 1 psi typical

#### Materials of Construction

Filter Media: Pleated Polyester

Core: Polypropylene

Endcaps: Platisol

Outer Mesh (10" L and 20" L only): Polypropylene

#### Note:

2-3/4", 4-1/2" OD by 9-7/8" L and 20" L cartridges are individually wrapped. 30" and 40" L cartridges are bulk wrapped.

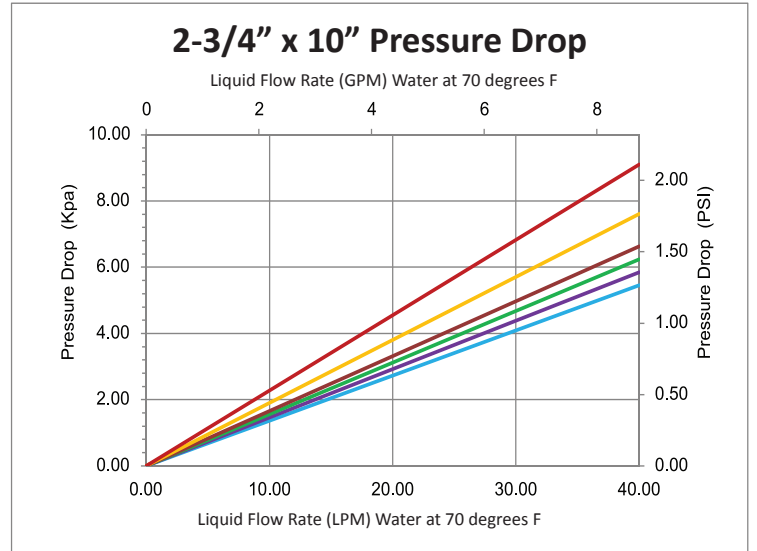
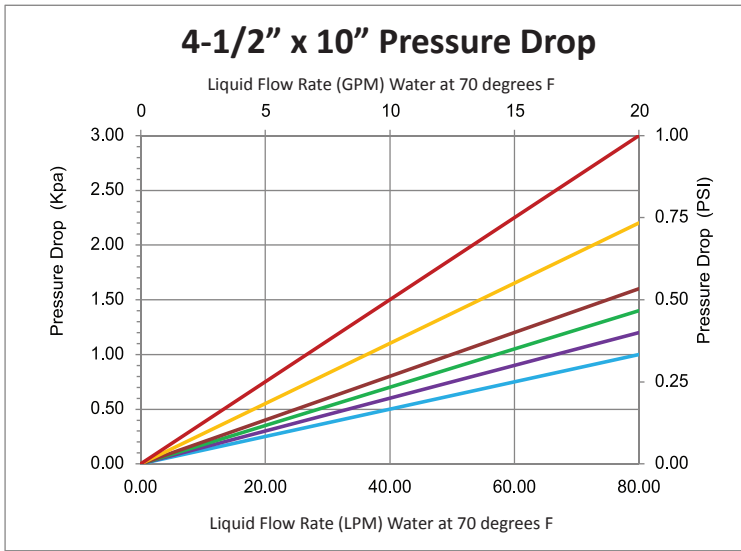
\* Temperature limits vary and depend on pressure and time under load.



## Applications

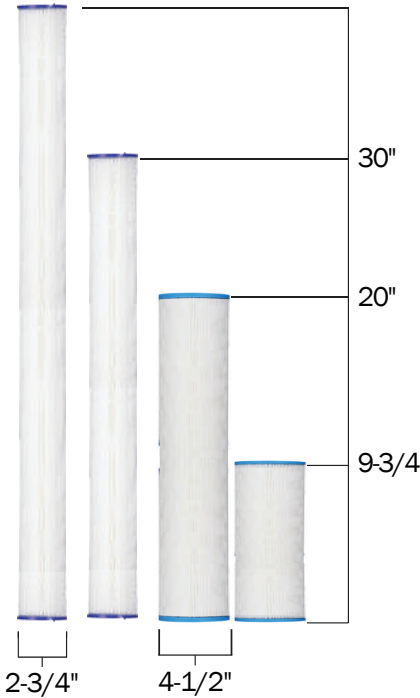
- 1 Drinking Water
- 2 Reverse Osmosis Prefiltration
- 3 Food and Beverage
- 4 Cosmetics
- 5 Electronics
- 6 Chemicals

# Pressure Drop Information



**KEY:** ■ 0.35μ ■ 1μ ■ 5μ ■ 10μ ■ 20μ ■ 50μ

## Dimensions



## Ordering Guide (Example: PS-27300-20)

PS	-	27	-	300	-	20
TYPE		CARTRIDGE DIAMETER		CARTRIDGE LENGTH		MICRON RATING
P = Pleated Standard Polypropylene (standard)		27 = 2 3/4" 45 = 4 1/2"		097 = 9-3/4" 200 = 20" 300 = 30" 400 = 40"		s35 = 0.35 micron 01 = 1 micron 1A = 1 micron 05 = 5 micron 10 = 10 micron 20 = 20 micron 50 = 50 micron 100 = 100 micron

## Case Packs

DIMENSIONS	QUANTITY
2-3/4" x 9-3/4"	48
2-3/4" x 19-1/2"	24
2-3/4" x 20"	24
2-3/4" x 29-1/4"	24
2-3/4" x 30"	24
2-3/4" x 40"	24
4-1/2" x 9-3/4"	12
4-1/2" x 20"	6

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## Questions?

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