



## All Polypropylene Filter APPLICATIONS

**D. I. water  
Electronics**

**Food & Beverage  
Chemical Filtration  
Pharmaceuticals**

**Cosmetics  
R. O. pre-filter**



## FEATURES

- **All polypropylene construction**  
including media, inner core, caps, core and cage
- **Nominal micron rating**  
0.1, 0.45, and 1.0 micron
- **FDA listed materials**  
complies with FDA title 21 of the Code of Federal Regulations
- **Toxicity**  
meets specifications for biological safety per USP Class VI
- **EPDM or Viton® elastomers**
- **Length: 10", 20", 30" or 40"**  
with double open end gaskets or single open end "O"-rings

All polypropylene pleated filter cartridge provides high surface area and high filtration efficiency for greater system flow rate and larger service life. This economically efficient, disposable filter element provides excellent chemical compatibility and can be used for a wide range of applications. The polypropylene filter media has a fixed pore structure which resists unloading of captured contaminants.

Standard elastomers are EPDM.

Maximum operating temperature: 176°F (80°C)

Differential Pressure:

75 psid @ 70° F (5.2 bar @ 21°C)

40 psid @ 176°F (2.8 bar @ 80° C)

Recommended change out pressure:

35 psid (2.4 bar)

Outside diameter: 2.7" (6.9 cm)

**TO ORDER** - Select rating, length and end seal.

MODEL		MICRON RATING		FILTER AREA		FLOW @ 1.0 PSID	
FLAT GASKETS DOE	222 "O"-RINGS SOE	NOM.	ABS.	PER 10" CARTRIDGE			
				FT. <sup>2</sup>	m <sup>2</sup>	GPM	LPM
PL-U.1x*_UL	PL-U.1x*_UL-2	0.1	1.0	4.3	.40	2.5	9.5
PL-U.45x*_UL	PL-U.45x*_UL-2	0.45	2.0	4.6	.43	9	34
PL-U1.0x*_UL	PL-U1.0x*_UL-2	1.0	5.0	4.9	.45	12	45

\* Length - Specify 10", 20", 30" or 40".

For Viton® elastomers, substitute UV for UL in Model No.

\* Minimum order 12 cartridges (1 case)



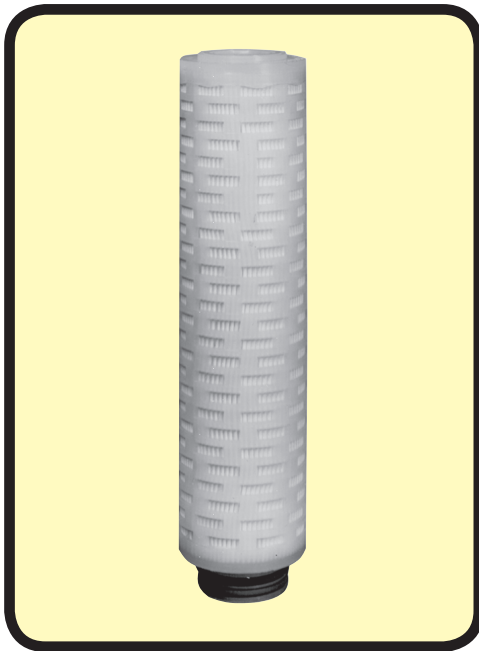
## Polypropylene with Hydrophilic Polyethersulfone

### APPLICATIONS

**D. I. water**  
**Electronics**  
**Pharmaceuticals**

**Food & Beverage**  
**Chemical Filtration**

**General Water Filtration**  
**Cosmetics**  
**R. O. pre-filter**



- **Construction Materials**  
Polyethersulfone (PES) membrane  
Polypropylene support media, end caps, core and cage
- **EPDM or Viton® elastomers**
- **Absolute micron rating**  
.01, 0.2 and 0.45 micron
- **FDA listed materials**  
complies with FDA title 21 of the Code of Federal Regulations
- **Toxicity**  
meets specifications for biological safety per USP Class VI
- **Length: 9-3/4", 20", 30" or 40"**  
with double open end gaskets or single open end "O" - rings

Maximum operating temperature: 176°F (80°C)  
Differential Pressure:  
50 psid @ 70°F (3.4 bar @ 20°C)

#### Sanitization

**Filtered Hot Water**.....88°C for 30 minutes at a maximum of 15 psid. Cartridges are chemically compatible with most ultra-pure chemicals, solvents, and sanitizing agents.

Outside diameter: 2.7" (6.9 cm)

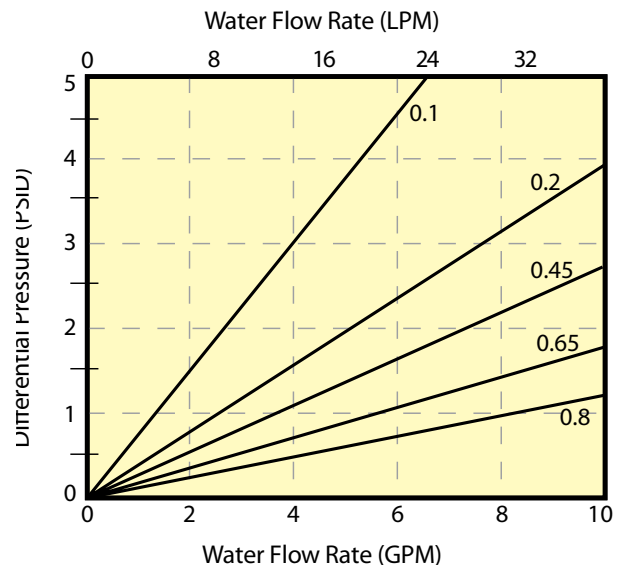
**TO ORDER** - Select rating, length and end seal.

MODEL		ABSOLUTE MICRON RATING
FLAT GASKETS DOE	222 "O"-RINGS SOE	
PL-UPES.1x*UL	PL-UPES.1x*UL-2	0.1
PL-UPES.2x*UL	PL-UPES.2x*UL-2	0.2
PL-UPES.45x*UL	PL-UPES.45x*UL-2	0.45

\* Length - Specify 9.75", 20", 30" or 40".

For Viton® elastomers, substitute **UV** for **UL** in Model No.

\* Minimum order 6 cartridges (1 case)



Viton is a registered trademark of DuPont Dow Elastomers.