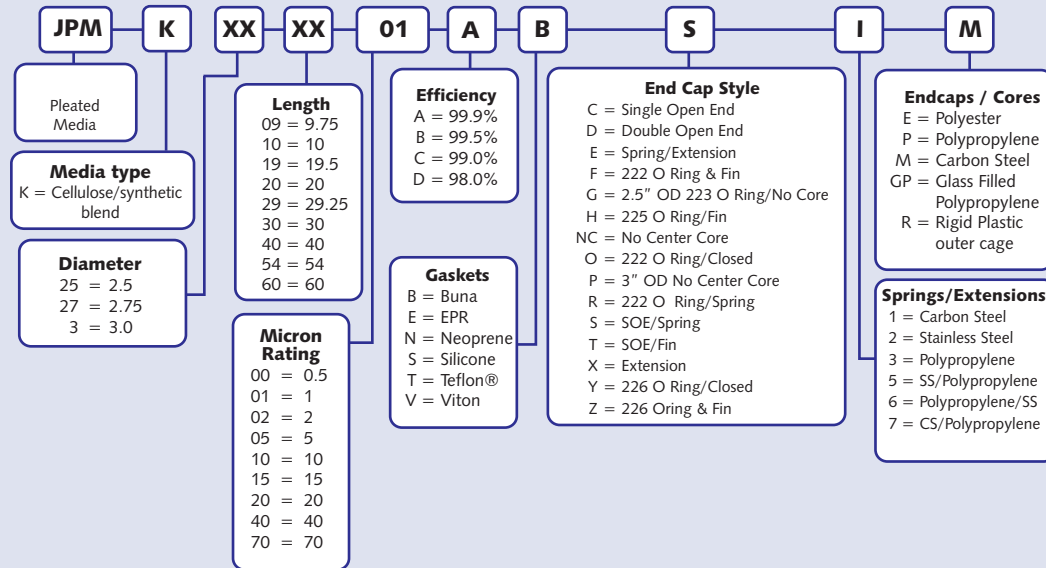


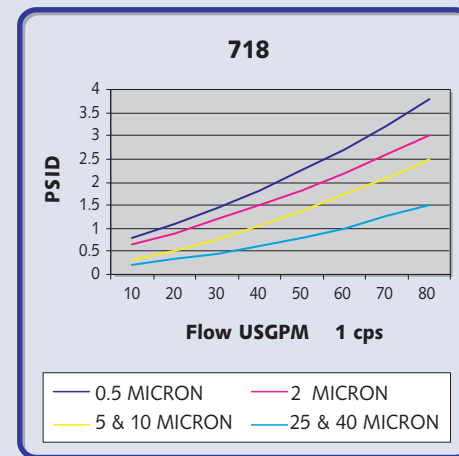
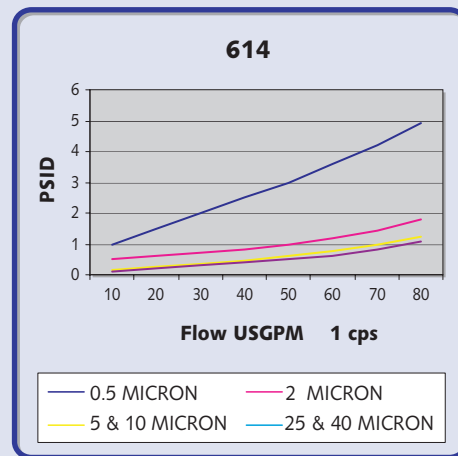
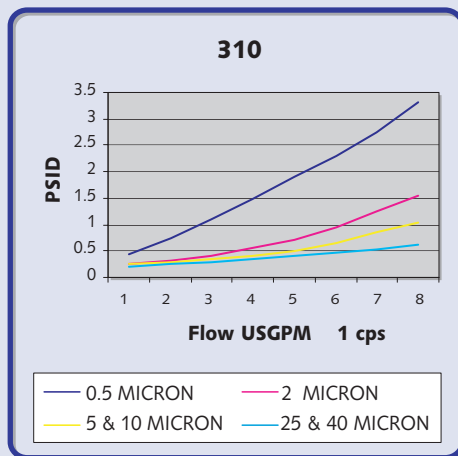
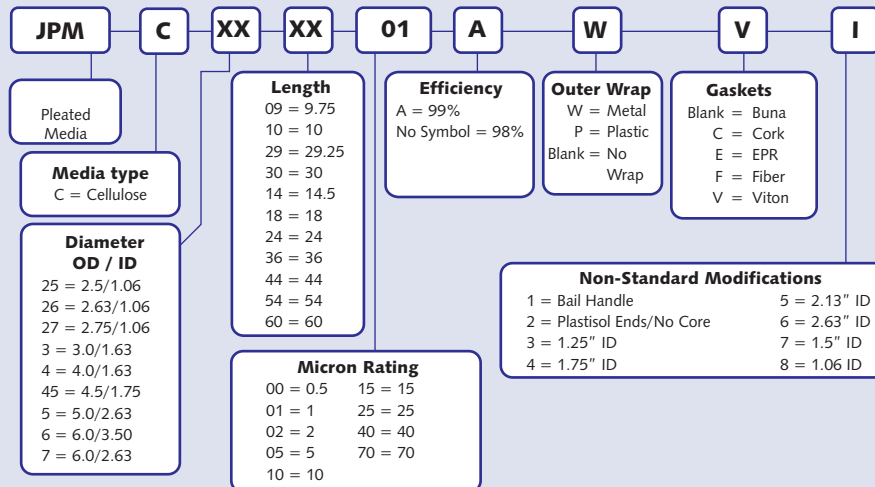
## ELEMENT CONFIGURATIONS

Cartridge options are shown in the nomenclature chart below. Please consult your representative to confirm your requirements as not all options can be combined.

**Pleated composite liquid elements** are a blend of cellulose and synthetic fibers that stand up better in many aqueous applications. Synthetic end caps are thermally bonded to the media pack. Plated carbon steel or stainless steel end caps are available using plastisol or two part epoxy to secure the media pack. A broad range of medias is available from 1 to 70 microns and with beta ratios of 50 to 1000.

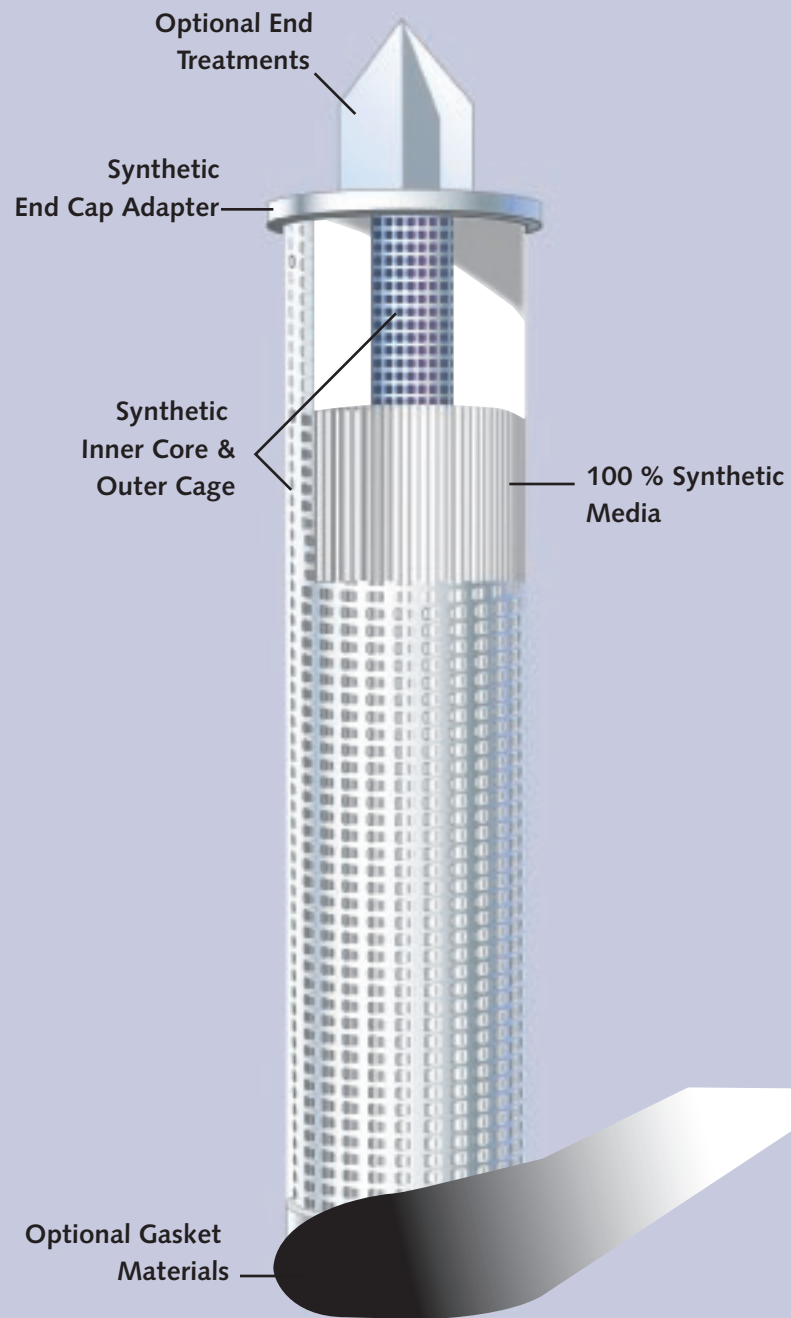


**Pleated Cellulose liquid** elements are 100% natural fibers with a wide selection of gasket and O-ring materials available. End caps are plated or stainless steel bonded to the media packs using either plastisol or two part epoxy potting compounds to address most oil and lube oil applications. A broad range of medias is available from 1 to 70 microns and with beta ratios of 50 and 100.



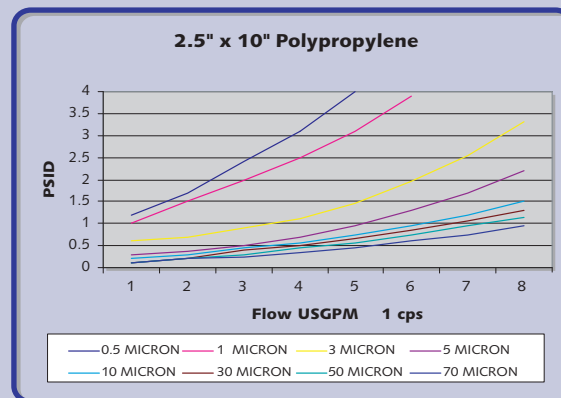
# Pleated Media





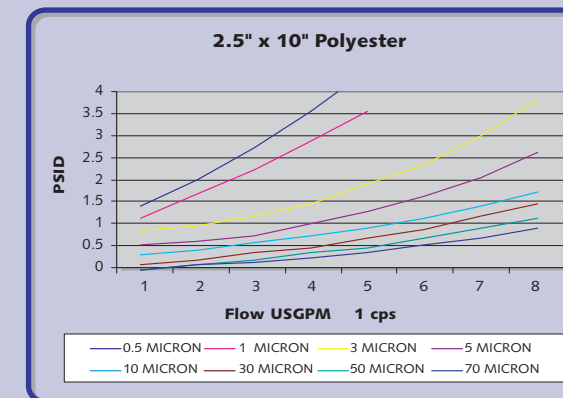
## POLYPROPYLENE

Pleated Polypropylene elements are 100% polypropylene with a wide selection of gasket and O-ring materials available. Polypropylene end caps are thermally bonded to the media packs eliminating any need for adhesives which might react with or contaminate critical process fluids. A broad range of efficiencies with beta ratios of 50 to 5000 provides the flexibility to address any application or upset condition. Temperature Limit 180°F  
 Efficiencies: 0.5, 1, 3, 5, 10, 20, 30, 40, 70 microns  
 Beta Ratios: 50, 100, 200, 1000, 5000  
 All components meet USP specifications for Class VI 121°C criteria and are FDA compliant  
 Ratings above 30 microns do not require support layers.



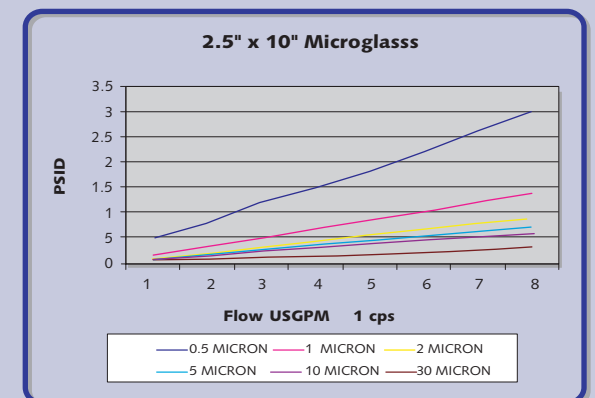
## POLYESTER

Pleated Polyester elements are 100% polyester with a wide selection of gasket and O-ring materials available. Polyester end caps are thermally bonded to the media packs eliminating any need for adhesives which might react with or contaminate critical process fluids. A broad range of efficiencies with beta ratios of 50 to 5000 provides the flexibility to address any application or upset condition. Temperature Limit 240°F  
 Efficiencies: 0.5, 1, 3, 5, 10, 20, 30, 40, 70 microns  
 Beta Ratios: 50, 100, 200, 1000, 5000  
 Ratings above 30 microns do not require support layers.



## MICROGLASS

Pleated Microglass filter elements are 100% synthetic fibers with a phenolic binder that provides excellent strength in many liquid applications. Support layers are standard polyester or are available in polypropylene or cellulose to suit temperature or compatibility requirements with a wide selection of available elastomers. Polypropylene or Polyester end caps and cores are thermally bonded to the media pack. Alternatively, end caps are plated or stainless steel bonded to the media packs using either plastisol or two part epoxy to secure the media pack. A broad range of medias are available from 1 to 40 microns and with beta ratios of 50 to 5000. Temperature Limit 240°F  
 Efficiencies: 0.5, 1, 2, 5, 10, 20, 30, 40 microns  
 Beta Ratios: 50, 200, 1000, 5000



### Applications

- General Water Filtration
- Catalyst Recovery
- Gas Processing Solvents
- Membrane Pre-filtration
- Waterflood
- Chemical
- Waste Water
- RO Pre-filtration

### Element Configurations

Cartridge options are shown in the nomenclature chart below. Dimensional information has been omitted for clarity. Please consult your representative to confirm your requirement as not all options can be combined.

<b>JPM</b>	<b>P</b>	<b>XXXX</b>	<b>01</b>	<b>A</b>	<b>B</b>	<b>S</b>	<b>I</b>	<b>M</b>
<b>Pleated Media</b>	<b>Media type</b> P = Polypropylene E = Polyester G = Microglass	<b>Micron Rating</b> 00 = 0.5 01 = 1 02 = 2 05 = 5 10 = 10 15 = 15 20 = 20 40 = 40 70 = 70	<b>Efficiency</b> A = 99.98% B = 99.9% C = 99.0% D = 98.0% E = 95.0% F = 90.0% G = 99.5%	<b>End Cap Style</b> D = Double Open End E = Spring/Extension F = 222 O ring/fin NC = No center core O = 222 O ring/Closed R = 222 O ring/spring S = SOE/Spring X = Extension Y = 226 O ring/Closed Z = 226 O ring/fin	<b>Endcaps / Cores</b> E = Polyester P = Polypropylene M = Carbon Steel S = Stainless Steel GP = Glass Filled Polypropylene R = Rigid Plastic Outer Cage	<b>Gaskets</b> B = Buna E = EPR N = Neoprene S = Silicone T = Teflon® V = Viton	<b>Springs/Extensions</b> 1 = Carbon Steel 2 = Stainless Steel 3 = Polypropylene 5 = SS/ Polypropylene 6 = Polypropylene/SS 7 = CS/Polypropylene	<b>Dimensions</b> OD x Length

synthetic medias are available in any standard configuration to upgrade performance or to address specific application requirements. Contact your representative for details.

