

# WESTCO FILTERS

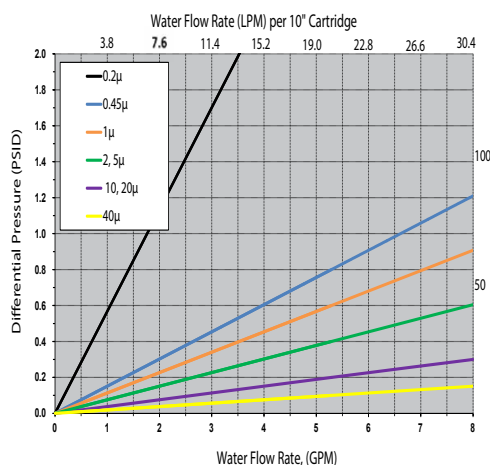
Liquid Filter Solutions since 1982

## MPP Series Pleated Polypropylene Cartridges

High Purity Pleated Polypropylene Cartridges are designed for use in most applications where absolute rated pleated filtration is needed. Designed to hold 6.5 square feet of filtration media, our High Purity - PP cartridges are a great value. These cartridges are constructed with 100% polypropylene materials and assembled using the latest thermal bonding equipment. PP cartridges are offered in both absolute (to 99.98%) and nominal (90%) retention efficiencies.



### Flow Rate vs. Pressure Drop



\* All data is based on absolute rated medias. Nominally rated medias will result in a pressure drop reduction of approximately 10%.

### Operating Conditions

**Change Out** .....  $\Delta P$  35 PSI  
**Temperature** ..... 176°F (80°C)

### Typical Applications

- Food & Beverage
- Deionized Water
- R.O. Membrane
- Pre-Filtration
- Process Water
- Fine Chemicals
- Plating Chemicals
- Wastewater

### Dimensions

#### Length:

10 to 40 inches (25.4 to 101.6 cm) nominal

#### Outside Diameter:

2.70 inches (7.0 cm) nominal

### Construction Materials

**Filtration Media** ..... Polypropylene  
**Support Media** ..... Polypropylene  
**End Caps** ..... Polypropylene  
**Center Core** ..... Polypropylene  
**Outer Support Cage** ..... Polypropylene  
**O-Rings/Gaskets** ..... Buna, EPDM, Silicone, Viton®, Teflon® Encapsulated Viton®

### Sanitization/Sterilization

**Filtered Hot Water** ..... 80°C for 30 min.

**Steam Sterilization** ..... 121°C for 30 min., multiple cycles

**Chemicals:** Cartridges are chemically compatible with most chemicals and sanitizing agents.

**Note:** Stainless steel insert option needed for all cartridges being hot water sanitized or steam sterilized.

### FDA Listed Materials

Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

### Toxicity

All polypropylene components meet the specifications for biological safety per USP Class VI – 121°C for plastics.