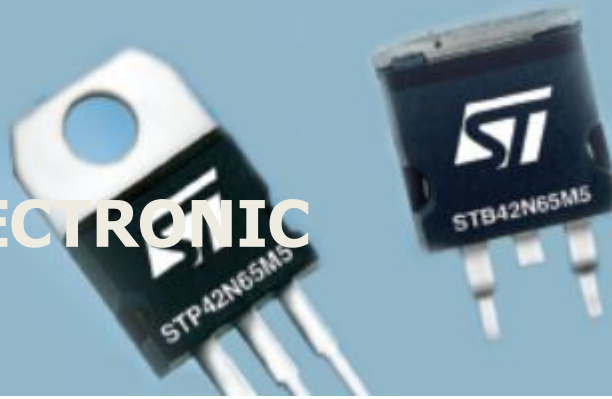


# MS<sup>®</sup> FILTER OF ELECTRONIC INDUSTRY



## FlorPure-E PTFE Filters

MS<sup>®</sup> FlorPure-E PTFE filters using expanded PTFE membranes along with high density polyethylene (HDPE) support and components can be specifically recommended for bulk filtration of photo resists and chemicals which are compatible with PTFE and HDPE. In addition, HDPE components lower metallic/ionic contamination than PP materials that provide a higher purity guarantee, reduce particle contamination with superior downstream cleanliness.

### Feature and Benefit

- Wide range of configurations
- High flow rates and low pressure drop
- Low extractables
- Manufactured in a clean room environment
- 100% integrity tested

### Application

- Photo resist
- High cleanliness chemicals
- Solvent-based chemicals
- High-viscosity fluids

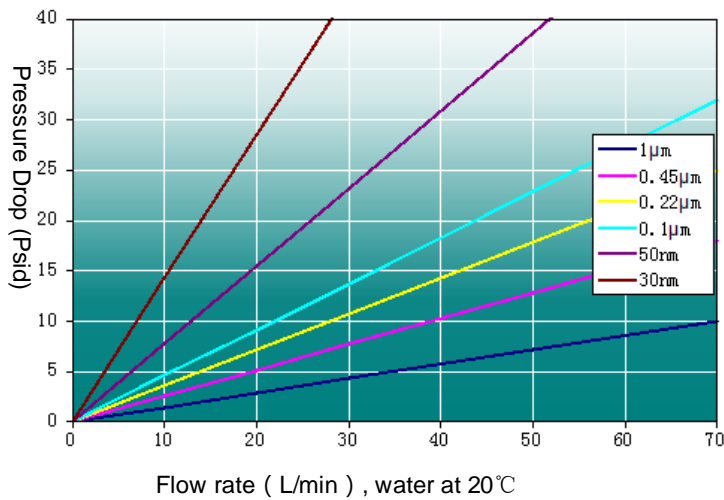


### Specification

Materials of Construction :

Filter medium	Expanded PTFE (polytetrafluoroethylene)
Support and drainage	HDPE (High density polyethylene)
Inner support core	
Outer protection cage	
End caps	
O-rings	EPDM, FEP Encapsulated fluoroelastomer

## Pressure Drop vs. Liquid Flow Rate



Unit conversion: 1bar=100kPa=14.5psi  
 Flow rate is for a 25.4cm (10inch) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP)

## Specification

### Recommended Operating Conditions:

- Maximum Temperature: 140°F (60°C);
- Maximum Pressure: 58psi (4bar) @ 70°F (21°C)

### Particle Removal Ratings(Nominal, µm):

0.03, 0.05, 0.1, 0.22, 0.45, 1.0

### Effective Filtration Area: ( 10inch )

0.2-1µm	0.1µm	0.03-0.05µm
0.8m <sup>2</sup> (8.6ft <sup>2</sup> )	0.88m <sup>2</sup> (9.5ft <sup>2</sup> )	0.95m <sup>2</sup> (10.2ft <sup>2</sup> )

## Ordering Information

