



# PES Membrane Filter Cartridge UPES Series

PES MEMBRANE FILTER CARTRIDGE

PES MEMBRANE FILTER CARTRIDGE UNIT

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## PES Membrane Filter Cartridge UPES Series



### HIGH EFFICIENCY AND CONSISTENT FILTRATION

Our Absolute Rated Hydrophilic Polyethersulfone PES membrane cartridge are designed for micro-electronic industry applications, its high flow and high particle retention characteristic are due to its highly asymmetric pore structure.

All cartridges are manufactured in clean room environment using US produced membrane material, every piece of filter cartridge are challenged in 100% integrity test with 18 mega -ohm high purity DI water, and comply to FDA biological safety standard.

### Features

Hydrophilic Membrane with high flow capacity

Excellent chemical compatibility, suitable for solvent and acid / alkaline applications

100% integrity tested

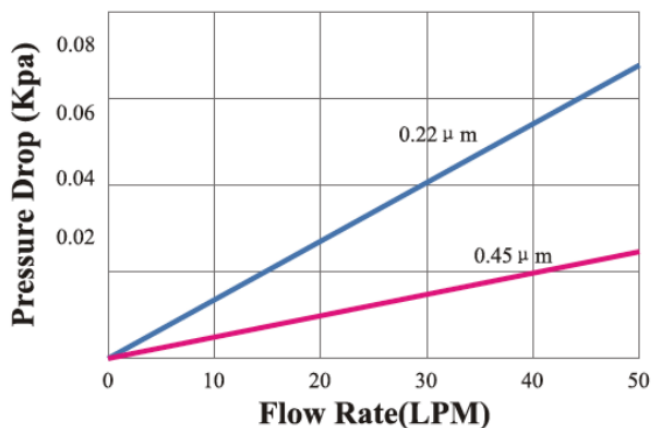
FDA compliant material

### Specification

- Length – 9.75", 10", 20", 30" 40"
- Material used :  
Media – PES , Support layer & Cage - PP  
Seal material – Silicone, EPDM, NBR, VITON, Teflon
- Micron rating available :  
0.1, 0.22, 0.45 micron
- Max operating temperature –  
80 deg C
- Max differential pressure – 4 Bar
- Sterilization Temperature – 20 times, 30 min cycles at 121 deg C

## Performance Chart<sup>1</sup>

### Pressure Drop vs. Flowrate@ 20°C



## Order Specification Code<sup>1</sup>

### Filter Cartridge Code UPES - 1 – 40- 3 E- S

Material  
PES Pleated Cartridge

Rating  
0.1, 0.22, 0.45 micron

Length  
975 – 9.75”  
10- 10”  
20 – 20”  
30 – 30”  
40 - 40”

Connection type  
DOE - DOE  
3 – 222/Flat  
7 – 222/FIN  
6 – 226 /Flar  
8 – 226/FIN

Seal Material  
E – EPDM  
B – NBR  
V – VITON  
S – Silicone  
TV - TEV

Connection end reinforcement  
S – SS304

## How To Order From Us

### Send us an inquiry, we will respond with a quote

Whether its for filter housing, filter bags, cartridges, or customisable solutions, we'll respond with a quotation for your needs. We ensure the highest quality finishes and consistency in our products. Email us your requirements and we'll get in touch.

### Purchase order & agreement, and production

Once a purchase order is made and our payments terms are agreed to, we'll begin production of your order. Depending on the order, our lead time would vary between one week to four weeks. We'll keep you updated on the progress and status.

### Completion, delivery, and sea freight

Once completed, we'll arrange a sea freight shipment to your specified location. We deliver internationally. Delivery by courier is also available. Clients can choose to arrange for self collection direct from our factories through a forwarder, if they would like to handle their own shipment.

For Inquiry contact us at [Sales-Inquiry@universal-filtration.com](mailto:Sales-Inquiry@universal-filtration.com)

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