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 compile to FDA biological safety standard.

PES Membrane Filter Cartridge UPES Series

HIGH EFFICIENCY AND CONSISTENT FILTRATION

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

Pressure Drop vs. Flowrate @ 20°C

Order Specification Code

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

(1) Contact us at sales-inquiry@universal-filtration.com if you are unsure of specification codes. We will assist and recommend a desired solution based on your requirements.
How To Order From Us

Send us an inquiry, we will respond with a quote
Whether it's for filter housing, filter bags, cartridges, or customizable 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