

Pleated Cartridges

surface filtration

depth filtration

water treatment

filter housings

bag filtration

membrane technology

point-of-use filtration

Premier Pleat Polyethersulfone

NEW 0.1 MICRON

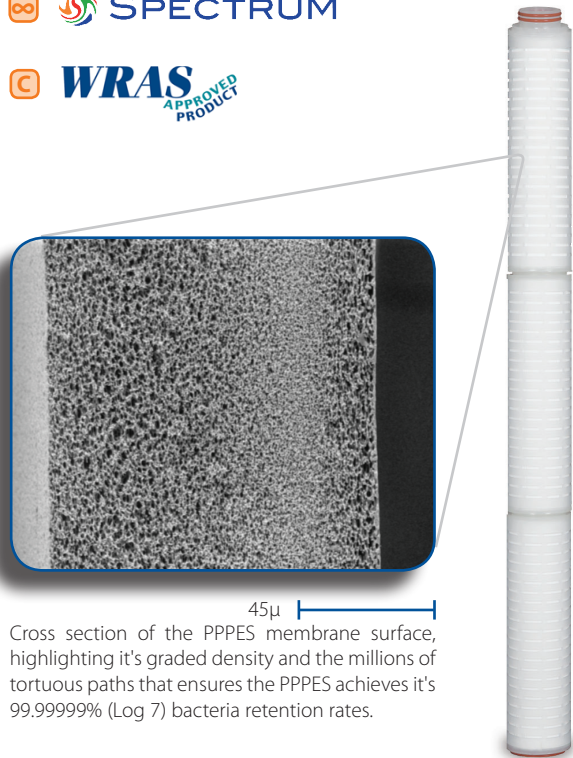
Absolute filtration for fine process liquid

82°C

Polyethersulfone

SPECTRUM™

WRAS APPROVED PRODUCT



Cross section of the PPES membrane surface, highlighting its graded density and the millions of tortuous paths that ensures the PPES achieves its 99,99999% (Log 7) bacteria retention rates.

The 0.1, 0.2 and 0.45 micron, WRAS approved membrane used in the construction of the hydrophilic polyethersulfone SPECTRUM PPES with bacteria retention rates in excess of log 7 make it ideal for beverage, chemical, pharmaceutical and other critical applications.

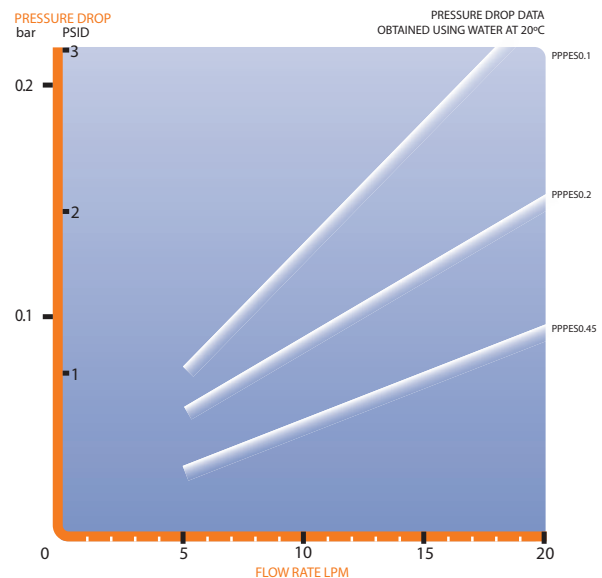
The PES membrane together with its pre and post-layers of polypropylene, which provide additional support and membrane protection, are manufactured from WRAS & FDA approved materials meeting the test certificate for USP Class VI - 121°C Plastics, offering superior performance for fine process filtration.

Suitable for use across a wide range of chemical applications and over broad pH extremes, the SPECTRUM absolute rated PPES filter offers performance and product reliability for exacting applications.

Key Product Features

- Biological retention rates
 - Bacteria: 99.99999 (Log 7) (*Brevundimonas diminuta*)
- Bubble point test (in water) - 4.3 bar
- Manufactured from FDA compliant materials
- Suitable for repeated sterilisation (twenty 30 minute cycles at 121°C)
- Ideal for the filtration of fine process liquids
- Hydrophilic high flow membrane
- WRAS approved product

PPES Flow Rate Chart



Micron Rating **0.1 0.2 0.45**

Standard Lengths (") **10 20 30 40**

End-caps **AA CG EG EH FG FH MH QG ZH**

Seal Material **Silicone = S EPDM = E Viton = V**

Product Code: **PPES - [micron] - [length] - [end-cap] - [seal] eg: PPES-0.1-10CGS**

Pricing and ordering information

Pricing is based on per 10" length. All other lengths at pro rata prices. Weights based on 5 micron cartridge. ○ = micron size □ = length

product code	micron	standard lengths (")	price each £
PPES - ○ - □	0.1, 0.2, 0.45	10, 20, 30, 40	105.00
Viton open end A Gasket (each)			+9.00
Q & Z End-caps			+10.00

packaging
10" = 9 @ 4 kg
20" = 12 @ 12 kg
30" = 12 @ 15 kg
40" = 12 @ 18 kg