

LES Hydrophilic PES Cartridge Filter

High throughput microelectronic chemical and ultrapure water contamination control solution



LES series filter cartridges are made of native hydrophilic PES membrane and designed for ultrapure/DI water applications in the microelectronics industry. LES series filters are constructed of a highly asymmetric and hydrophilic PES pleated membrane with long service life, and superior particle retention, flow rate, and chemical compatibility. PES membrane filter cartridges are an ideal choice for microelectronic applications requiring contamination control materials that are reliable and have consistent and efficient filtration.

Note: These filters are not available for North America and Europe. Please reach out to our specialists for other product recommendation for your applications.

APPLICATIONS

- Ultrapure water
- Inks
- Cleaning water
- FPD chemicals

FEATURES & BENEFITS

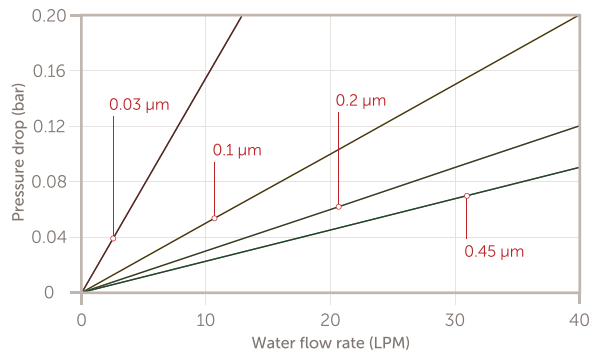
Highly asymmetric PES media structure	Reduces pressure drop while improving particle retention
Naturally hydrophilic polyethersulphone membrane	Eliminates prewet treatment
	Reduces filter changeout frequency
Polypropylene construction	Provides high flow rates and excellent chemical compatibility for use in a wide range of applications

SPECIFICATIONS

Materials of construction	Membrane	Hydrophilic PES
	Support and drainage	Polypropylene
	Core and Cage	Polypropylene
	End Caps	Polypropylene
	O-rings/Gasket	Silicone
Dimensions		EPDM
		FKM
		E-FKM
	Outer diameter	68 mm (2.67")
	Length	10", 20", 30", 40"
Filtration area	$\geq 6.4 \text{ ft}^2$ per 10" cartridge	
Pore size	0.03, 0.1, 0.2, 0.45 μm	
Maximum operating temperature	< 60°C (140°F)	
Maximum forward differential pressure	4.2 bar @23°C (60.9 psi @73.4°F)	
	1.5 bar @85°C (21.7 psi @73.4°F)	

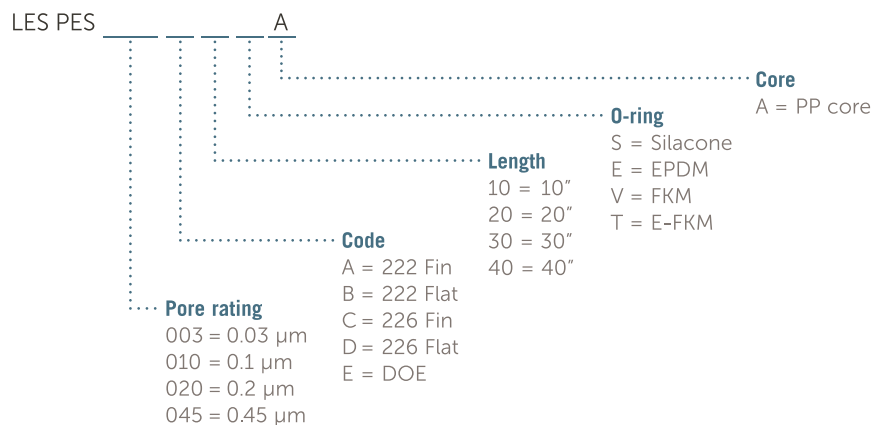
PERFORMANCE DATA

LES 10" PES



ORDERING INFORMATION

LES Hydrophilic PES Filter Cartridge: part number



FOR MORE INFORMATION

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