

Panelgard™ 334 PES Cartridge Filters

High-flow polyethersulfone cartridge filters for flat panel display manufacturing applications

Panelgard™ 334 PES cartridge filters are designed for DI water and applications where weak acids/bases are used. The cartridge's hydrophilic polyethersulfone membrane ensures a higher flow rate, particle retention, and longer lifetime, leading to higher flows with low pressure drops, less filter changeout, and cleaner process water and chemicals for your application.

APPLICATIONS

- Larger format flat panel display manufacturing

SPECIFICATIONS

Materials	Membrane	Hydrophilic polyethersulfone
	Supports, core, cage, end caps	Polypropylene
	O-ring (Code R: AS568-334)	EPDM, E-FKM (encapsulated fluoroelastomer)
Dimensions (nominal)	Length	271 mm (10")
	Diameter	132 mm (5.2")
Operating conditions	Maximum forward differential pressure: 0.35 MPa @ 25°C (77°F) Maximum reverse differential pressure: 0.10 MPa @ 25°C (77°F) Maximum operating temperature: 60°C (140°F)	
Retention rating	0.05, 0.1, 0.2, 0.45, and 1.0 µm	

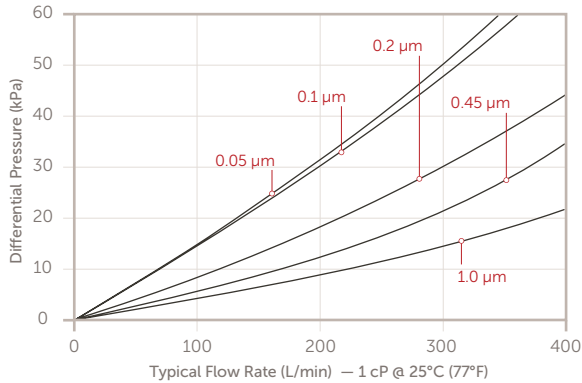


FEATURES & BENEFITS

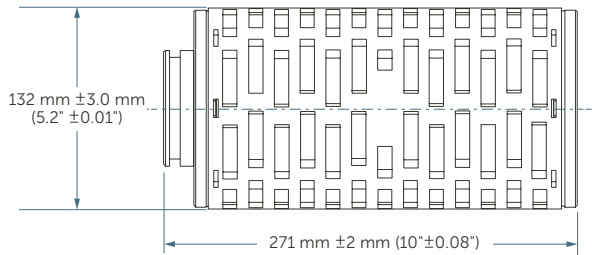
- Hydrophilic PES membrane eliminates the need for prewetting and flushing
- Asymmetric membrane structure provides high flow rates with lower differential pressure and a longer cartridge lifetime
- High flow and efficient particle removal – ensures rapid particle removal in one-pass and circulating applications
- Provides excellent chemical compatibility – weak acids, bases, and DI water
- A variety of retention ratings to suit specific application needs

PERFORMANCE DATA

Panelgard 334 PES 10" Cartridge Filters



DIMENSIONS



ORDERING INFORMATION

Panelgard 334 PES Cartridge Filters: part number

PYS R 10 1

- Quantity**
1/pack
- O-ring**
E = EPDM
T = E-FKM
- Length**
10 = 10"
- Code**
R = AS568-334 o-ring
- Retention rating**
Z = 0.05 µm H = 0.45 µm
V = 0.1 µm A = 1.0 µm
G = 0.2 µm
- Membrane**
S = PES

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the [Contact Us](#) link to find the customer service center nearest you.

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