



Panelgard™ PDP Cartridge Filters

Point-of-use filter for pigment dispersed photoresist, acids, and alkalis, and pure water



High Flow Rate, Long Product Life

The Panelgard PDP cartridge filter is a final point-of-use surface type cartridge filter using unwoven polypropylene material. With high retention efficiency, high flow rate, and long product life, it contributes to better cost performance.

Reduction in Setup, Maintenance and Equipment Downtime

Installation of Panelgard PDP cartridge filters is simple and fast. Prewetting is not required which reduces time and costs. The filters are available in a wide range of retention ratings to match the specific purity and flow requirements of your process, and to further reduce maintenance as less frequent filter changeout is required.

Superior Manufacturing

- Manufactured in a world-class, ISO 9001 Quality Systems Standard facility.
- Manufactured, tested, and packaged in a cleanroom to ensure product cleanliness.

Product Features

Available in retention ratings of 0.6 µm, 1.2 µm, 2.5 µm, 5 µm, and 10 µm

All polypropylene construction

Product Benefits

Provides excellent particle retention in ratings that match your specific process and flow requirements.

Clean, economical solution designed to match the needs of point-of-use filtration of pigment dispersed photoresist, acids, alkalis, and pure water.

Panelgard PDP Cartridge Filters - Ordering Information

Specifications

Materials	Membrane: Polypropylene
	Supports, core and sleeve: Polypropylene
	O-rings: Teflon® fluoropolymer encapsulated Viton® fluoroelastomer O-ring (TEV), EPR
Connections	Code 0, 2-222 double O-rings
Operating Conditions	Maximum Forward/Reverse Differential Pressure: 0.47 MPa (4.7 bar, 68psid) @ 25° C
	Maximum Operating Temperature: 80° C
Membrane Area	0.6 µm: 8,600 cm ² (9.26 ft. ²)
	1.2 µm: 7,400 cm ² (7.97 ft. ²)
	2.5 µm: 7,400 cm ² (7.97 ft. ²)
	5 µm: 8,600 cm ² (9.26 ft. ²)
	10 µm: 7,500 cm ² (8.07 ft. ²)

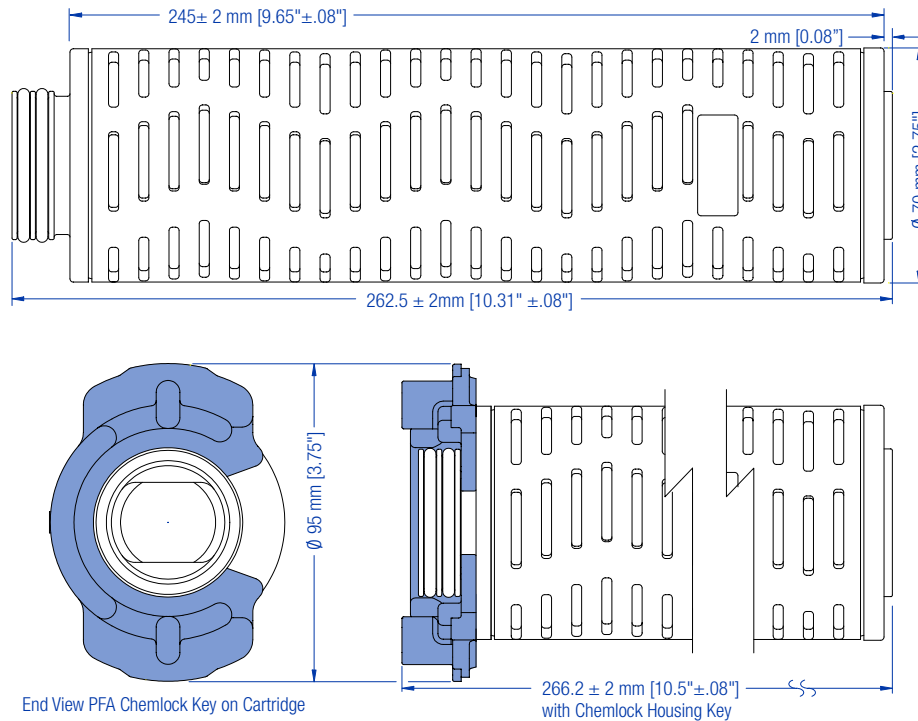
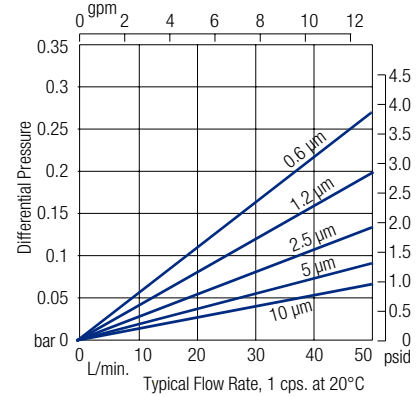
Ordering Information

PG **010** **T1** Y

Retention Rating
 06 = 0.06 µm
 12 = 1.2 µm
 25 = 2.5 µm
 50 = 5 µm
 1H = 10 µm

O-ring Material
 T1 = TEV
 EP = EPR

Optional Chemlock® key attached to cartridge for use with Chemlock Housing ONLY.



Consult our applications specialists with any questions.
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