



PROCESSGARD® PDP IJ CARTRIDGE AND MINI DISPOSABLE FILTERS

Advanced filtration for ink applications

Overview

ProcessGard® PDP IJ cartridge and mini disposable filters are multi-layered, depth-pleated filters with nonwoven polypropylene media that provide excellent gels and agglomerates removal performance in ink filtration.

Applications

ProcessGard PDP IJ cartridge and mini disposable filters are the best choice for filtering inks:

- Cartridge filters used in bulk ink filtration as pre-filters
- Mini disposable filters installed in industrial ink jet printers as main filters; black shell format used in UV-curable base ink filtration

Features and Benefits

- Polypropylene media for broad process fluid compatibility and excellent capability with ink filtration
- The multi-layered, depth-pleated filter can increase particle-loading capacity; provides excellent removal performance of gels and agglomerates for ink and extends filter lifetime
- Mini disposable design provides excellent space-savings advantage and plumbing flexibility, enabling smaller footprint system configuration



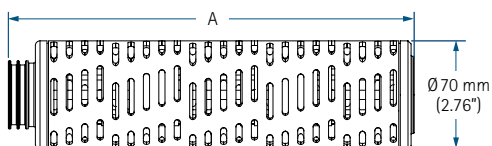
Specifications

		Cartridge	Mini Disposable
Materials:	Media	Polypropylene: 2.5, 5, 10 µm	
		Polypropylene/Nylon: 1.5 µm	
	Support, core, sleeve	Polypropylene	
	Sealing	EPDM, FKM, E-FKM	—
	Shell	—	Standard PP and black PP
Retention rating:		1.5, 2.5, 5.0, 10 µm	
Operating conditions:	Maximum forward differential pressure	0.4 MPa (4.0 bar; 58 psid) @ 20°C (68°F)	
	Maximum reverse differential pressure	0.25 MPa (2.5 bar; 36 psid) @ 20°C (68°F)	
	Maximum operating temperature	80°C (176°F)	60°C (140°F)
Cartridge connections:	Code 0, 5	O-ring AS568-222	—
	Code 7	O-ring AS568-226	—
	Code F	Gasket (EPDM or FKM only)	—
Fittings:	Inlet/outlet	—	Compression seal, NPT, hose barb, Luer lock, quick coupling
	Vent/drain	—	Female Luer lock

ProcessGard PDP IJ Cartridge Filters

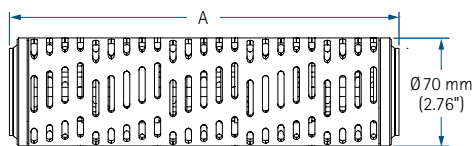
Dimensions

Ø70 MM CODE O FILTER



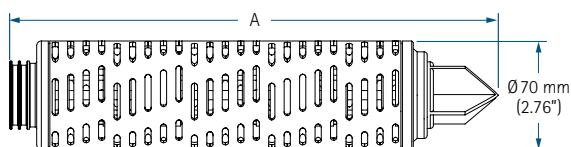
Length	A: Size
5"	143 mm (5.63")
10"	263 mm (10.35")
20"	508 mm (20.00")
30"	754 mm (29.69")

Ø70 MM CODE F FILTER



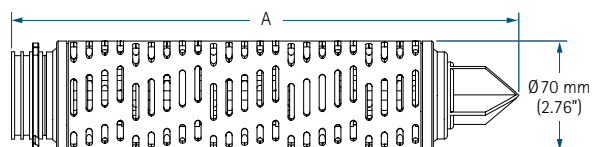
Length	A: Size
5"	132 mm (5.20")
10"	253 mm (9.96")
20"	497 mm (19.57")
30"	745 mm (29.33")

Ø70 MM CODE 5 FILTER



Length	A: Size
5"	196 mm (7.72")
10"	316 mm (12.44")
20"	563 mm (22.17")
30"	809 mm (31.85")

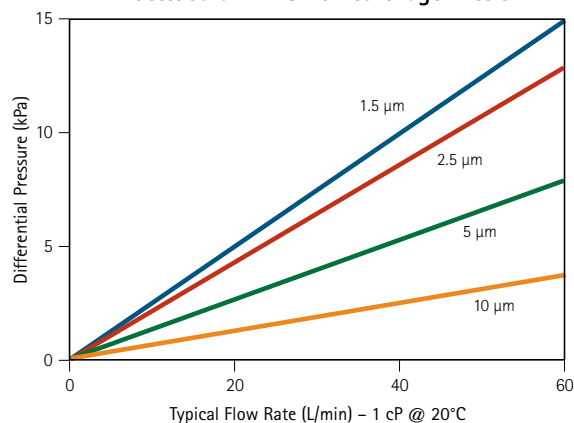
Ø70 MM CODE 7 FILTER



Length	A: Size
5"	200 mm (7.87")
10"	318 mm (12.52")
20"	566 mm (22.28")
30"	815 mm (32.09")

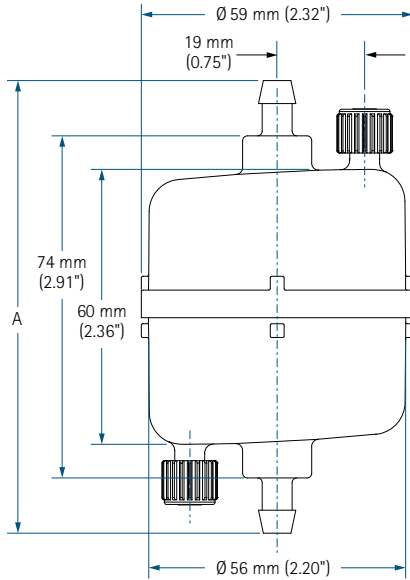
Performance Data

ProcessGard PDP IJ 10" Cartridge Filters



ProcessGard PDP IJ Mini Disposable Filters

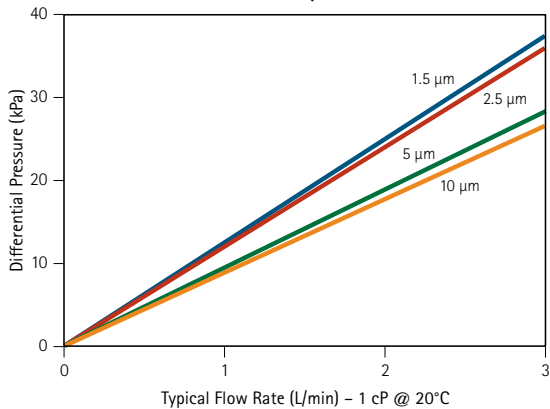
Dimensions



Fitting Code	Inlet/Outlet	A
2C	1/4" Compression seal	99 mm (3.90")
2N	1/4" MNPT	100 mm (3.94")
3NF	3/8" FNPT	106 mm (4.17")
2H	1/4" Hose barb	98 mm (3.86")
3H	3/8" Hose barb	124 mm (4.88")
LF	Female Luer lock	90 mm (3.54")
2Q	1/4" Male quick coupling	102 mm (4.02")
2QF	1/4" Female quick coupling	100 mm (3.94")
2CE	1/4" Compression seal elbow 90	100 mm (3.94")
2QE	1/4" Male quick coupling elbow 90	100 mm (3.94")
2QFV2	1/4" Female quick coupling with in/out check valve	109 mm (4.29")

Performance Data

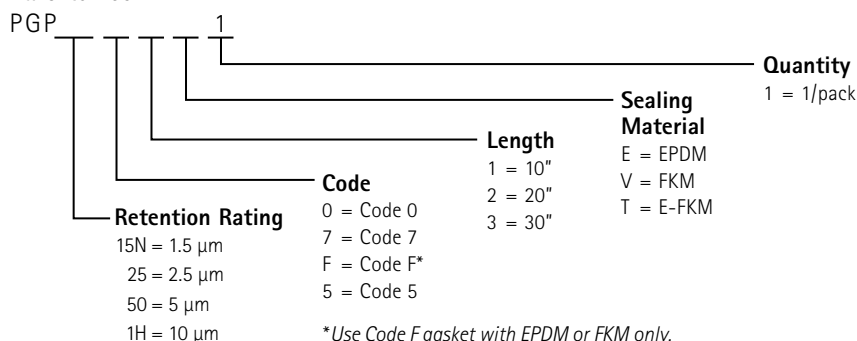
ProcessGard PDP IJ Mini Disposable Filters
In/Out 1/4" Compression Seal



Ordering Information

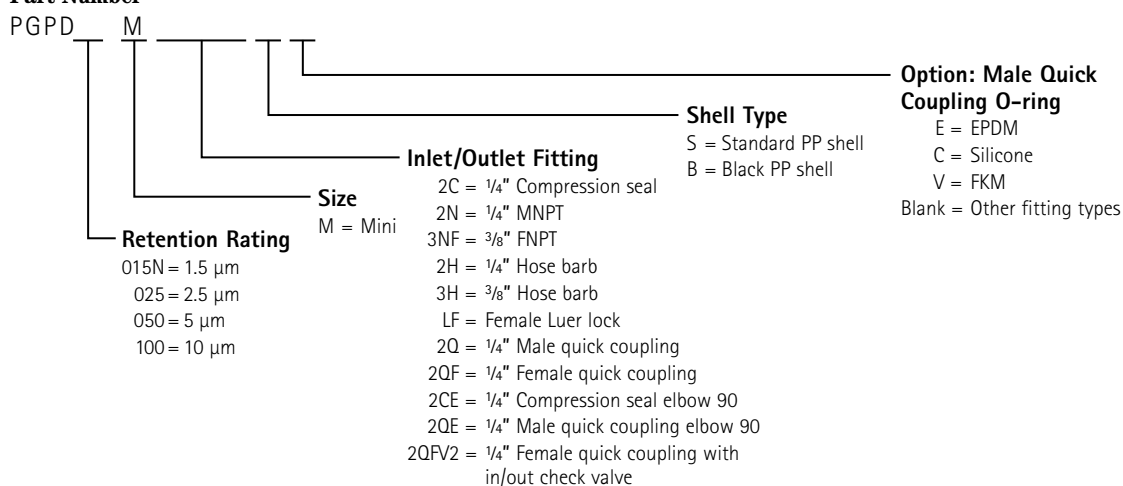
Processgard PDP IJ Cartridge Filters

Part Number



Processgard PDP IJ Mini Disposable Filters

Part Number



Note: Cleaning types and fitting types can be adjusted according to specific requirements. Please contact Entegris sales for more information.

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the center nearest you.

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