

ProcessGard® PDP Plus Disposable Filters

Polypropylene multilayer depth pleated disposable filter for color resist, slurry, solvent, water at Point-of-Use filtration, and chemical R&D

ProcessGard® PDP Plus Disposable filters provide advanced filtration in a broad range of applications. The optimized multilayer depth pleated structure with a nonwoven polypropylene filtration media ensures excellent flow and retention performance.



Polypropylene construction ensures broad process fluid compatibility

APPLICATIONS

- Point-of-Use filtration for Color resist, black matrix, ink, and slurry application
- Small volume filtration for small-lot production of a wide variety of products at chemical manufacturing
- Lab scale evaluation at initial stage research and development

FEATURES & BENEFITS

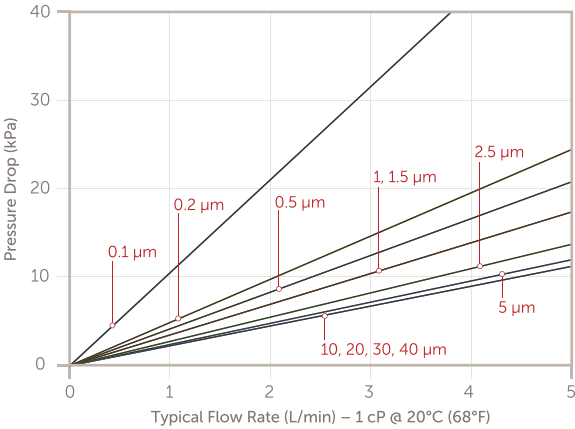
Polypropylene construction	Provides broad process fluid compatibility and excellent capability
Optimized pleated media	Increases surface area for excellent flow performance
Optimized depth design	Increase particle loading capacity, provides excellent removal performance and extends lifetime

SPECIFICATIONS

Materials of construction	Media	Polypropylene
	Supports, core, sleeve, shell	Polypropylene
Fitting Connections	Compression, MNPT, FNPT, Flare	
Disposable Size	1.5", 2.5", 5"	
Retention rating (nominal)	0.1, 0.2, 0.5, 1, 1.5, 2.5, 5, 10, 20, 30, 40 µm	
Operating conditions	Maximum forward differential pressure	0.4 MPa (4.0 bar, 58 psid) @ 20°C (68°F)
	Maximum operating temperature	60°C (140°F)

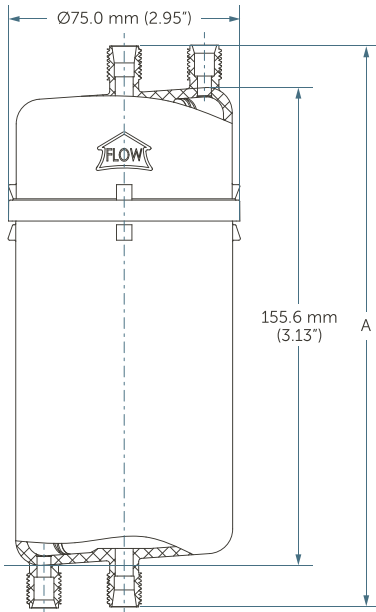
PERFORMANCE DATA

Processgard PDP Plus 2.5" Disposable Filters
In/Out ¼ Compression Seal

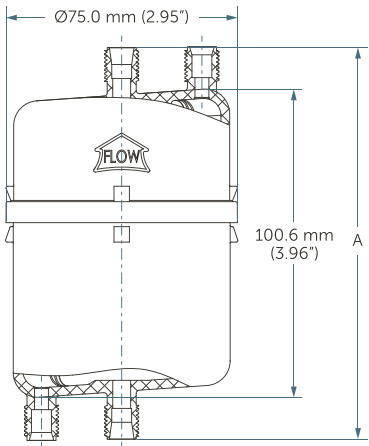


DIMENSIONS

Long (5") Disposable



Short (2.5") Disposable



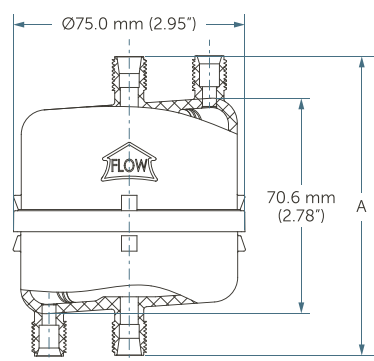
5" Disposable

2.5" Disposable

DIMENSIONS

IN/OUT Fitting	Vent/Drain Fitting	A	A
1/4 Comp. Seal	1/4 Comp. Seal	182.5 mm (7.19")	127.7 mm (5.03")
1/2 Comp. Seal	1/4 Comp. Seal	188.4 mm (7.42")	133.5 mm (5.26")
1/4 MNPT	1/8 MNPT	185.5 mm (7.30")	130.5 mm (5.14")
1/4 Flare	1/8 MNPT	210.2 mm (8.28")	155.2 mm (6.11")
3/8 Flare	1/4 Flare	209.1 mm (8.23")	153.8 mm (6.06")
3/8 FNPT	Female Luer Lock	181.0 mm (7.13")	125.9 mm (4.96")

Half (1.5") Disposable

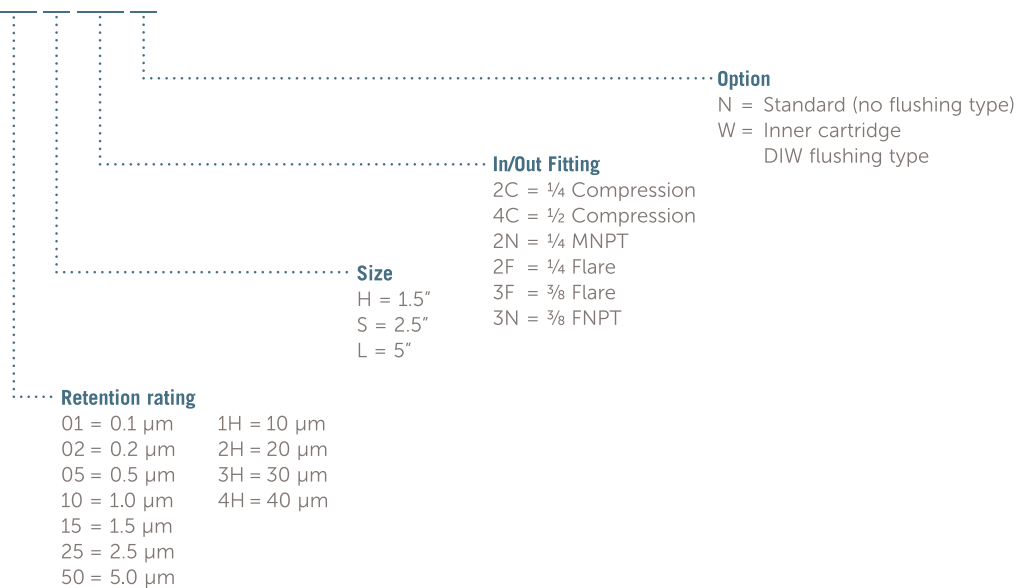


1.5" Disposable		
IN/OUT Fitting	Vent/Drain Fitting	A
1/4 Comp. Seal	1/4 Comp. Seal	97.5 mm (3.84")
1/2 Comp. Seal	1/4 Comp. Seal	103.5 mm (4.07")
1/4 MNPT	1/8 MNPT	100.5 mm (3.96")
1/4 Flare	1/8 MNPT	125.0 mm (4.92")
3/8 Flare	1/4 Flare	124.0 mm (4.88")
3/8 FNPT	Female Luer Lock	95.9 mm (3.78")

ORDERING INFORMATION

Processgard PDP Plus Disposable Filters: part number

PGDPD



FOR MORE INFORMATION

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

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