

ProcessGard® PS Plus Disposable Filters

*Designed for filtration of process fluids
used in the microelectronics industry.*

ProcessGard® PS Plus disposable filters are designed for filtration of process fluids used in the microelectronics industry. Constructed of polyethersulfone (PES) pleated membranes with polypropylene (PP) supports and housing, these filters provide unmatched durability and cleanliness in cleaning applications involving weak acids, bases, and deionized (DI) water.

Our portfolio includes half (1.5"), short (2.5"), and long (5") size filters to suit various flow requirements in point-of-tool applications where space is limited.



Provide excellent chemical compatibility for use in a wide range of applications

APPLICATIONS

- Cleaning applications using weak acids, bases, and ultrapure DI
- Small batch aqueous chemical production and lab-scale evaluations

FEATURES & BENEFITS

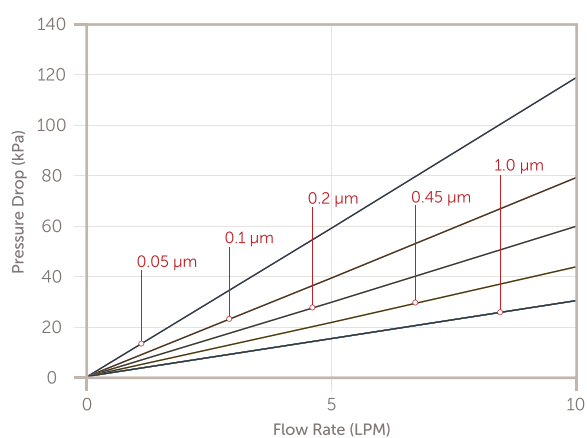
Asymmetric PES media structure	Reduces pressure drop while improving particle retention
Hydrophilic PES media	Eliminates prewet treatment
	Reduces filter changeout time
	Increases equipment uptime
Polypropylene construction	Provide excellent chemical compatibility for use in a wide range of applications
Half, short, and long sizes	Suits various formats and flow requirements for small flow chemical filtration in point-of-tool applications where space is limited

SPECIFICATIONS

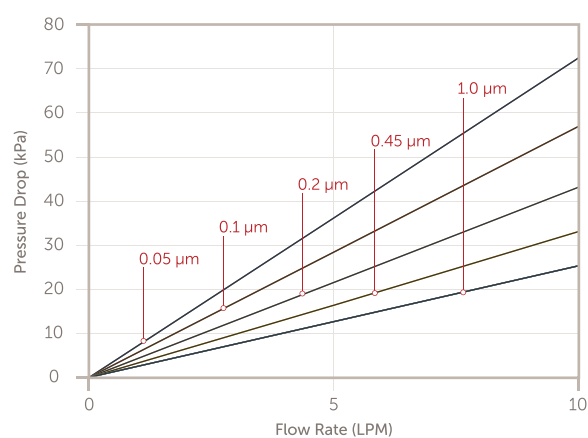
Materials of construction	Membrane	Hydrophilic polyethersulfone
	Support, core, sleeve, shell	Polypropylene
Maximum operating conditions	Forward differential pressure	0.4 MPa @ 25°C (77°F)
	Reverse differential pressure	0.2 MPa @ 25°C (77°F)
	Operating Pressure	0.5 MPa @ 25°C (77°F)
	Operating temperature	60°C (140°F)
Retention rating (nominal)	0.05, 0.1, 0.2, 0.45, 1.0 µm	

PERFORMANCE DATA

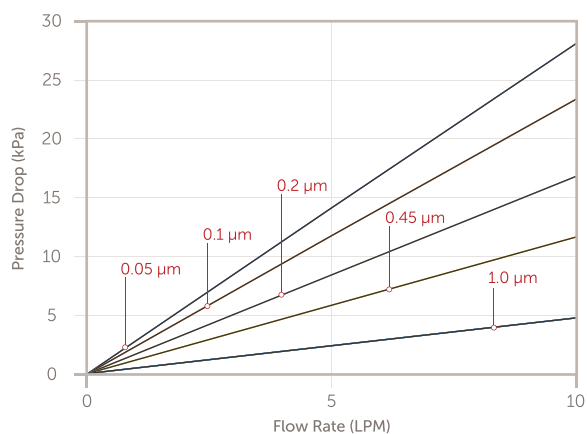
PG PS Plus Half Disposable



PG PS Plus Short Disposable

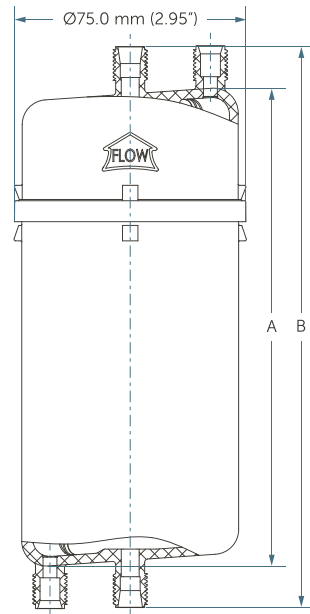


PG PS Plus Long Disposable

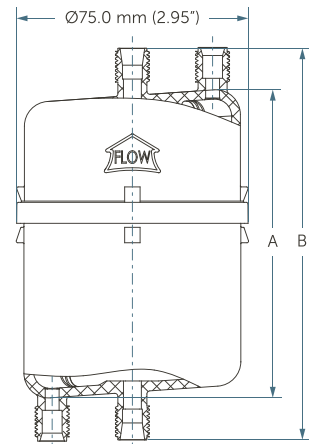


DIMENSIONS

Long (5") Disposable

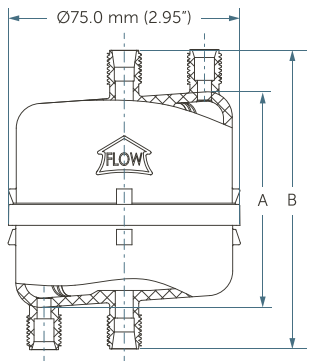


Short (2.5") Disposable



			Long (5")		Short (2.5")	
IN/OUT Fitting	Vent/Drain Fitting	Vent/Drain Plug	A	B	A	B
1/4 Comp. Seal	1/4 Comp. Seal	2 pieces	155.6 mm	182.5 mm	100.6 mm	127.7 mm
1/2 Comp. Seal	1/4 Comp. Seal	2 pieces	155.6 mm	188.4 mm	100.6 mm	133.5 mm
1/4 MNPT	1/8 MNPT	2 pieces	155.6 mm	185.5 mm	100.6 mm	130.5 mm
1/4 Flare	1/8 MNPT	2 pieces	155.6 mm	210.2 mm	100.6 mm	155.2 mm
3/8 Flare	1/4 Flare	No Plug	155.6 mm	209.1 mm	100.6 mm	153.8 mm
3/8 FNPT	Female Luer Lock	2 pieces	155.6 mm	181 mm	100.6 mm	125.9 mm

Half (1.5") Disposable



Half (1.5")

PGPS

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$$1 = 1 \text{ pc/pack}$$

2C = 1/4" Comp. Seal
4C = 1/2" Comp. Seal
2N = 1/4" MNPT
2F = 1/4" Flare
3F = 3/8" Flare
3N = 3/8" FNPT

H = Half
S = Short
L = Long

Z = 0.05 μm
V = 0.1 μm
G = 0.2 μm
H = 0.45 μm
A = 1.0 μm

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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