

ProcessGard® PS Plus Filters

Excels in filtering weak acids, bases, and ultrapure DI water

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

Our portfolio includes hydrophilic, 4" to 40" Ø70 mm cartridge formats to suit various flow requirements in point-of-tool or bulk filtration applications.



Hydrophilic PES membrane reduces start-up time

APPLICATIONS

- Cleaning applications using weak acids, bases, and ultrapure DI water
- DI water filtration in DI water plants or facilities

FEATURES & BENEFITS

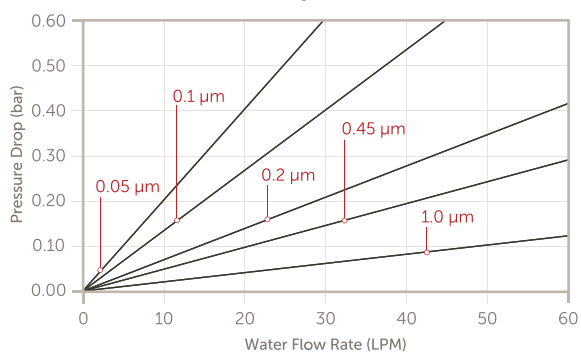
Asymmetric PES media structure	Reduces pressure drop while improving particle retention
Hydrophilic PES media	Eliminates prewet treatment
	Reduces filter changeout time
	Increases equipment uptime
Polypropylene construction	Provide excellent chemical compatibility for use in a wide range of applications

SPECIFICATIONS

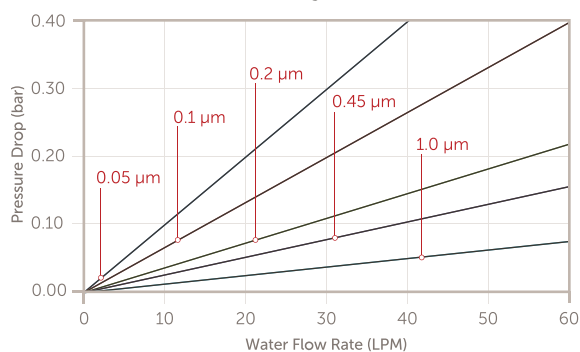
Materials of construction	Media	Hydrophilic polyethersulfone
	Supports, core, sleeve, end caps	Polypropylene
	O-ring (Code-0, -5, -6: AS568-222; Code-7: AS568-226)	EPDM, FKM, E-FKM
	Gasket (Code F)	EPDM, FKM
Retention rating	0.05, 0.1, 0.2, 0.45, 1.0 μm	
Maximum operating conditions	Maximum forward differential pressure	
	0.4 MPa (4.0 bar, 58 psid) @ 25°C (77°F)	
	Maximum reverse differential pressure	
	0.25 MPa (2.5 bar, 36 psid) @ 25°C (77°F)	
	Maximum operating temperature	
	90°C (194°F)	

PERFORMANCE DATA

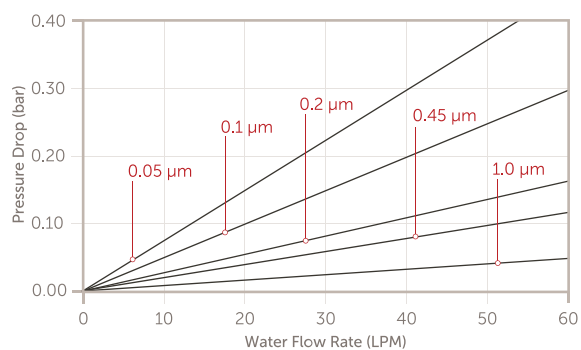
ProcessGard PS Plus 4" cartridge



ProcessGard PS Plus 10" cartridge

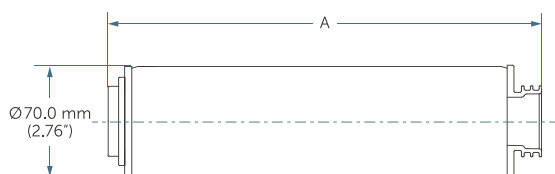


ProcessGard PS Plus, Code-6 cartridge

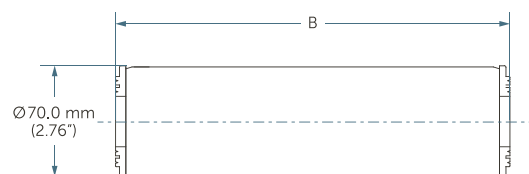


DIMENSIONS

Code 0

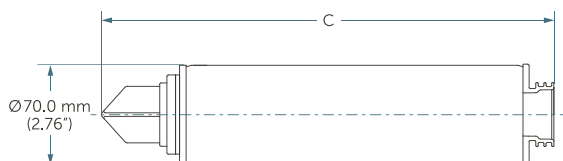


Code F

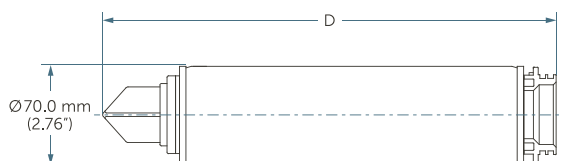


Length	A (Code 0)	B (Code F)
4"	123.5 mm (4.86")	—
5"	143.5 mm (5.64")	—
10"	271.0 mm (10.67")	247.0 mm (9.72")
20"	514.5 mm (20.26")	491.0 mm (19.33")
30"	758.5 mm (29.86")	735.0 mm (28.94")
40"	1002.5 mm (39.47")	979.0 mm (38.54")

Code 5



Code 7



Length	C (Code 5)	D (Code 7)
4"	—	—
5"	—	—
10"	312.5 mm (12.30")	315.0 mm (12.40")
20"	556.0 mm (21.89")	558.5 mm (21.99")
30"	800.0 mm (31.50")	802.0 mm (31.57")
40"	1044.0 mm (41.10")	1045.5 mm (41.16")

0 = Code-0

F = Code-F

5 = Code-5

6 = Code-6

7 = Code-7

FOR MORE INFORMATION

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Corporate Headquarters
129 Concord
Billerica, MA 01821
USA

Customer Service
Tel +1 952 556 4181
Fax +1 952 556 8022
Toll Free 800 394 4083

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