

ProcessGard® PP Plus Filters

Polypropylene filters for acids, bases, solvents, inks, and process water in the electronics industry

ProcessGard® PP Plus filters offer cost-effective filtration for various liquids in electronics industry applications. Polypropylene construction ensures broad chemical compatibility with various acids, bases, solvents, inks, and process water.

APPLICATIONS

- Flat panel display – all applications in wet etching, stripping, developing, and DI water processes
- Chemical manufacturing – pre-and final filtration for solvent, photoresist, pigment, chemicals, and ink.
- General purpose cleaning process filtration

FEATURES & BENEFITS

Various retention ratings and fitting sizes	Allows design versatility to meet various process requirements
Polypropylene construction	Provides broad chemical and thermal compatibility
Highly customized configurations available	Enables product flexibility to meet application and customer needs



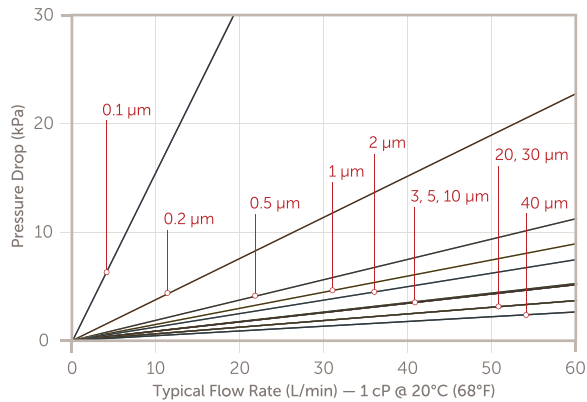
Polypropylene construction ensures broad chemical compatibility.

SPECIFICATIONS

Materials of construction	Media	Polypropylene
	Supports, core, sleeve, end caps	Polypropylene
	O-ring (Code-0 and -5: AS568-222, Code-7: AS568-226)	EPDM, FKM, Silicone, E-FKM
	Gasket (Code-F)	EPDM, FKM
Retention rating (nominal)	0.1, 0.2, 0.5, 1, 2, 3, 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	80°C (176°F)

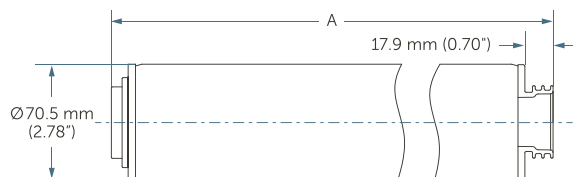
PERFORMANCE DATA

ProcessGard PP Plus Cartridge Filters

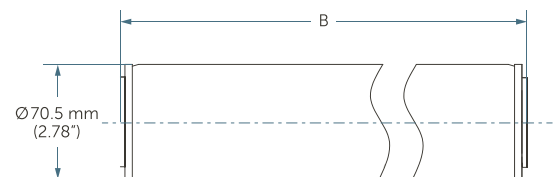


DIMENSIONS

Code-0



Code-F

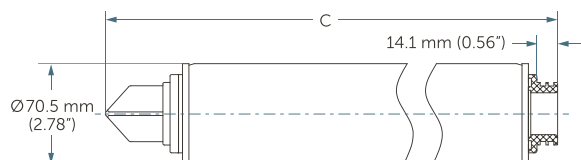


Length	5"	10"	20"	30"	40"*
A: Code-0	145.5 mm (5.73")	271.0 mm (10.67")	514.0 mm (20.24")	758.0 mm (29.84")	1001.5 mm (39.43")
B: Code-F	—	246.5 mm (9.70")	491.0 mm (19.33")	734.0 mm (28.89")	978.0 mm (38.50")

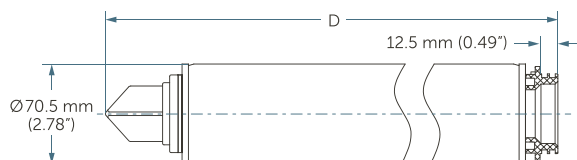
*Contact Entegris for available configurations.

DIMENSIONS

Code-5



Code-7



Length	5"	10"	20"	30"	40"*
C: Code-5	–	313.0 mm (12.32")	557.0 mm (21.93")	800.0 mm (31.50")	1043.0 mm (41.06")
D: Code-7	–	315.5 mm (12.42")	559.0 mm (22.01")	803.5 mm (31.63")	1048.0 mm (41.26")

*Contact Entegris for available configurations.

ORDERING INFORMATION

ProcessGard PP Plus Cartridge Filters: part number

PGPP

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Retention rating	Code	Length	O-ring	Quantity	Option
01 = 0.1 µm	0 = Code-0	05 = 5"*	E = EPDM	1 = 1/pack	Blank = standard type
02 = 0.2 µm	F = Code-F	10 = 10"	S = Silicone**		W = DI water flushing type
05 = 0.5 µm	5 = Code-5	20 = 20"	T = E-FKM**		
10 = 1.0 µm	7 = Code-7	30 = 30"	V = FKM		
20 = 2.0 µm		40 = 40"			
30 = 3.0 µm					
50 = 5.0 µm					
1H = 10 µm					
2H = 20 µm					
3H = 30 µm					
4H = 40 µm					

*Available for Code-0 only

**Available for Code-0, -5, and -7 only

FOR MORE INFORMATION

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

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