

ProcessGard® DEP Cartridge Filters

*Excellent chemical compatibility for use
in a wide variety of applications*

ProcessGard® DEP are designed for pre- and final-stage filtration of acids, alkalis, solvents, and DI water. Constructed of polypropylene featuring a melt-blown depth structure, ProcessGard DEP filters provide excellent holding capacity enabling extended service life and fewer changeouts. This cost-effective solution helps reduce total cost of ownership while maintaining reliable filtration performance in demand process environments.

APPLICATIONS

- General purpose pre and final filtration of acids, alkalis, solvents, and DI water
- Bulk slurry, color resist, black matrix and ink filtration

FEATURES & BENEFITS

Polypropylene construction	Provides broad chemical compatibility and excellent performance with various process fluids
Optimized depth design	Enables high flow rates, improved filtration efficiency, and extended service life
Economical product	Cost-effective filtration solution that reduces operational expenses without compromising performance



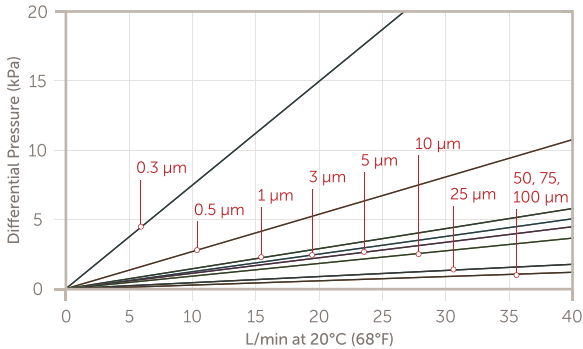
Pre- and final-stage filtration of acids, alkalis, solvents, and DI water

SPECIFICATIONS

Materials	Media	Polypropylene
	Top, end caps	Polypropylene
	O-ring (Code-0, -5: AS568-222; Code-7: AS568-226)	EPDM, FKM, SILICONE, E-FKM
	Gasket (Code F)	EPDM, FKM, SILICONE, PE
Retention rating	0.3, 0.5, 1, 3, 5, 10, 25, 50, 75, 100 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) / PE gasket type: 60°C (140°F)

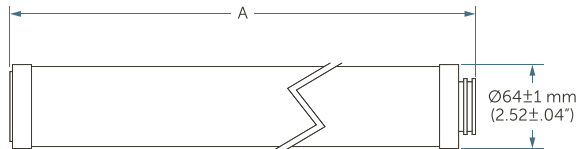
PERFORMANCE DATA

Processgard DEP 10" Cartridge

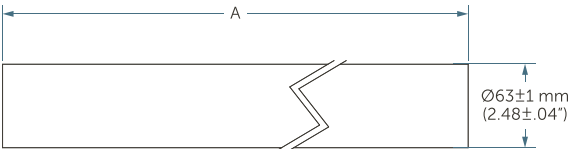


DIMENSIONS

Code 0



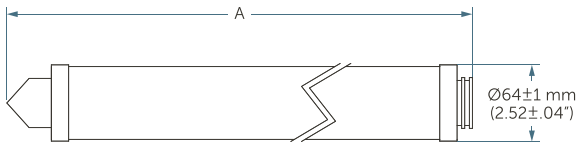
Code F



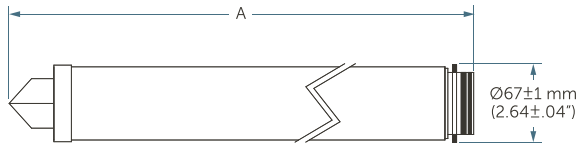
Length	A: Code-0	A: Code-F
10"	255 ± 2mm	254 ± 2mm
20"	514 ± 2mm	508 ± 2mm
30"	766 ± 3mm	762 ± 3mm
40"	1022 ± 3mm	1016 ± 3mm

DIMENSIONS

Code 5



Code 7



Length	A: Code-5	A: Code-7
10"	$297 \pm 2 \text{ mm}$	$300 \pm 2 \text{ mm}$
20"	$556 \pm 2 \text{ mm}$	$559 \pm 2 \text{ mm}$
30"	$808 \pm 3 \text{ mm}$	$811 \pm 3 \text{ mm}$
40"	$1074 \pm 3 \text{ mm}$	$1077 \pm 3 \text{ mm}$

ORDERING INFORMATION

Processgard DEP Cartridge Filters: part number

PGDE

Retention Rating		Filter Code	Length	Sealing
A3 = 0.3 µm	10 = 10 µm	0 = Code 0	10 = 10"	E = EPDM
A5 = 0.5 µm	25 = 25 µm	5 = Code 5	20 = 20"	V = FKM
01 = 1.0 µm	50 = 50 µm	7 = Code 7	30 = 30"	T = E-FKM (Except for Code F)
03 = 3.0 µm	75 = 75 µm	F = Code F	40 = 40"	S = Silicone
05 = 5.0 µm	1H = 100 µm			P = PE (Code F only)
				X = No Gasket (Code F only)

Filter Quantity Information

Code 0, 5, 7 and F

Filter length	Filter quantity/pack
10"	40
20"	20
30"	12
40"	12

No Gasket (PGDE****X) and PE Gasket (PGDE****P) type

Filter length	Filter quantity/pack
10"	50
20"	25
30"	20
40"	20

Example: PGDE01020E

- Retention Rating: 1.0 µm
- Filter Code: Code 0
- Length: 10"
- Sealing: EPDM O-ring
- Quantity: 40 filters/pack

Example: PGDE01F10X

- Retention Rating: 1.0 µm
- Filter Code: F
- Length: 10"
- Sealing: No Gasket
- Quantity: 50 filters/pack

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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