

ProcessGard[®] CN Pre-filters

Pre-filtration solution for removal of medium to fine particulate in higher flow performance semiconductor processing areas

SPECIFICATIONS

Materials	Media	Polypropylene
	Supports, cage, core, sleeves and end caps	Polypropylene
	Sealing	O-ring: EPDM, FKM, E-FKM, Silicon (Code 0: AS568-222, Code 7: AS568-226)
	Gasket	EPDM, FKM
Nominal retention ratings	0.3–30 µm	
Dimensions	Width: 70 mm	
	10" Code 0: 264 mm (10.36")	
	10" Code F: 250 mm (9.84")	
	10" Code 7: 319 mm (12.56")	
Maximum operating conditions	Maximum forward differential pressure: 0.49 MPa (4.9 bar, 71 psid) @ 25°C (77°F)	
	Maximum forward temperature: 80°C (176°F)	
Filter quantity	6 units per box	

ORDERING INFORMATION

Filter type	O-ring	Retention rating	Length	Part number	Filter type	O-ring	Retention rating	Length	Part number	
Code 0	EPDM	0.3 µm	10"	CN0301E06	Code 0	FKM	0.3 µm	10"	CN0301V06	
			20"	CN0302E06				0.6 µm	10"	CN0601V06
			30"	CN0303E06				1.2 µm	10"	CN1201V06
		0.6 µm	10"	CN0601E06			30"	CN1203V06		
			20"	CN0602E06			2.5 µm	10"	CN2501V06	
			30"	CN0603E06				10"	CN5001V06	
		1.2 µm	10"	CN1201E06				10 µm	10"	CN1H01V06
			20"	CN1202E06			20"	CN1H02V06		
			30"	CN1203E06			E-FKM	0.3 µm	10"	CN0301T06
		2.5 µm	10"	CN2501E06					20"	CN0302T06
			20"	CN2502E06					0.6 µm	10"
			30"	CN2503E06			20"	CN0602T06		
		5 µm	10"	CN5001E06			30"	CN0603T06		
			20"	CN5002E06			1.2 µm	10"	CN1201T06	
			30"	CN5003E06				10"	CN2501T06	
	10 µm	10"	CN1H01E06	5 µm	10"	CN5001T06				
		20"	CN1H02E06	20"	CN5002T06					
		30"	CN1H03E06	10 µm	10"	CN1H01T06				
	30 µm	10"	CN3H01E06		30 µm	10"	CN3H01T06			
		20"	CN3H02E06		20"	CN3H02T06				
		30"	CN3H03E06							

ORDERING INFORMATION (CONTINUED)

Filter type	O-ring	Retention rating	Length	Part number
Code O	Silicon	0.6 µm	10"	CN0601S06
		10 µm	10"	CN1H01S06
		30 µm	10"	CN3H01S06
Code F	EPDM (Gasket)	0.3 µm	10"	CN03F1E06
			20"	CN03F2E06
		0.6 µm	10"	CN06F1E06
			20"	CN06F2E06
		1.2 µm	10"	CN12F1E06
			20"	CN12F2E06
	2.5 µm	10"	CN25F1E06	
		20"	CN25F2E06	
	5 µm	10"	CN50F1E06	
		20"	CN50F2E06	
		30"	CN50F3E06	
	10 µm	10"	CN1HF1E06	
		20"	CN1HF2E06	
	30 µm	10"	CN3HF1E06	
	FKM (Gasket)	10 µm	20"	CN1HF2V06
30 µm		10"	CN3HF1V06	

Filter type	O-ring	Retention rating	Length	Part number
Code 7	EPDM	0.3 µm	10"	CN0371E06
		0.6 µm	10"	CN0671E06
			20"	CN0672E06
		1.2 µm	10"	CN1271E06
			30"	CN1273E06
	FKM	2.5 µm	10"	CN2571E06
			20"	CN2572E06
		5 µm	10"	CN5071E06
			10 µm	20"
		10 µm	10"	CN0671V06
20"	CN1H72V06			
E-FKM	0.3 µm	10"	CN0371T06	
	5 µm	10"	CN5071T06	
Silicon	0.3 µm	10"	CN0371S06	

FOR MORE INFORMATION

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