



Sintered Metal Filter Cartridges

Sintered Metal Filter Cartridges are made of stainless steel powders and produced by processes of high temperature diffusion and sintering press. With advantages of high strength, rigid construction and uniform permeability, sinter metal cartridges are widely used in industrial applications requiring high temperature, corrosive resistance and high removal efficiency. Grace supplies standard sinter cylindrical cartridges but also customized products to meet different demands.

Applications

CPF, CPL, Process Gases, Petrochemical, Strong Acid & Alkali, Separation, Silencing, Optoelectronics, Food & Beverages, PCB, High Viscosity Process, Polymer Filtration

Specifications

Filter Media	SUS304, SUS316, SUS316L
Micron Rating	0.5, 1, 3, 5, 7, 10, 15, 20, 30, 40, 50, 80, 100, 150, 200 μm
Dimensions	Customized sizes on requests

Operation Data

Maximum Operating Temperature : 677°C (1250°F) (Base on selection of O-ring material)

Maximum Differential Pressure : 7 bar at 25°C (100 psi at 77°F)

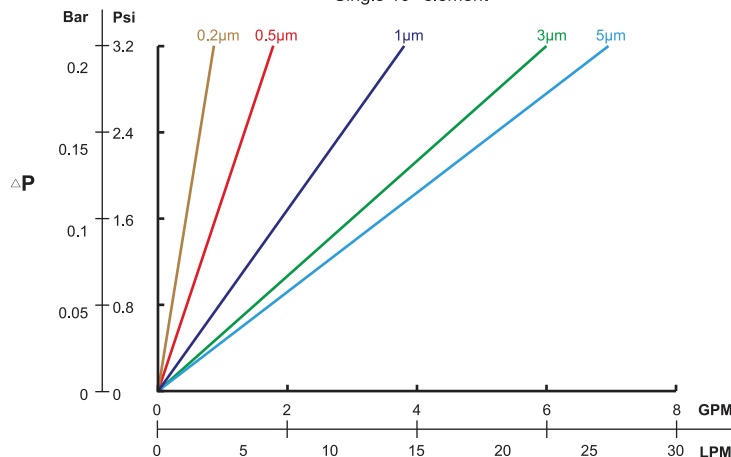
Recommended Change Out Differential Pressure : 3.8 bar (57 psi)

Ordering Information

Type	Series	Micron Rating	Filter Media	Dimensions
SM Stainless Steel Filter Cartridge	(blank) -Cylindrical	05 – 0.5 μm	4 - SUS304 6 - SUS316 7 - SUS316L	Customized Sizes on Requests
	SW -Spiral	1 – 1 μm		
	SL -Plate	3 – 3 μm		
	S -Other			
	Other Customized Styles	200 – 200 μm		
SM Stainless Steel Filter Cartridge		3 3 μm	6 SUS316	

Sintered Metal Filter Cartridge

Single 10" element



For more information:

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