



## Stainless Steel Filter Cartridges

Stainless Steel Filter Cartridges are superior replacements to those who can't withstand server operating conditions such as strong acid and alkali, high temperature and critical operating pressure. Each layer of Grace stainless steel filter cartridges is metallurgical bonded which ensures stable pore size without media migration in severe process conditions. Constructed by stainless steel wire mesh or metal fiber, Grace stainless steel filter cartridges are available in a wide range of micron ratings.

### 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 Wire Mesh / Fiber Plane, Pleated (Single layer, Multiple layers)
Weave	Plain, Square, Twill, Twill Dutch, Metal Fiber
Micron Rating	2, 3, 4, 5, 10, 15, 20, 25, 40, 70, 100, 150, 200, 250, 300, 350, 400, 450, 500 ~ 1000 $\mu\text{m}$
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Core	SUS304, SUS316, SUS316L
Filter Support	SUS304, SUS316, SUS316L
End Cap	SUS304, SUS316, SUS316L

### 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
SF Stainless Steel Filter Cartridge	<b>HP</b> -Pleated <b>PL</b> -Plane <b>DS</b> -Disc <b>FW</b> -Framework Other Customized Styles	2 – 2 $\mu\text{m}$ 3 – 3 $\mu\text{m}$ 4 – 4 $\mu\text{m}$ 5 – 5 $\mu\text{m}$   <b>1000</b> – 1000 $\mu\text{m}$	<b>4</b> - SUS304 <b>6</b> - SUS316 <b>7</b> - SUS316L	Customized Sizes on Requests
	<b>SF</b> Stainless Steel Filter Cartridge	<b>HP</b> Pleated	<b>5</b> 5 $\mu\text{m}$	<b>4</b> SUS304

For more information:

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