

High Performance

Wide Compatibility

High dirt holding

Wide range

Increased Life

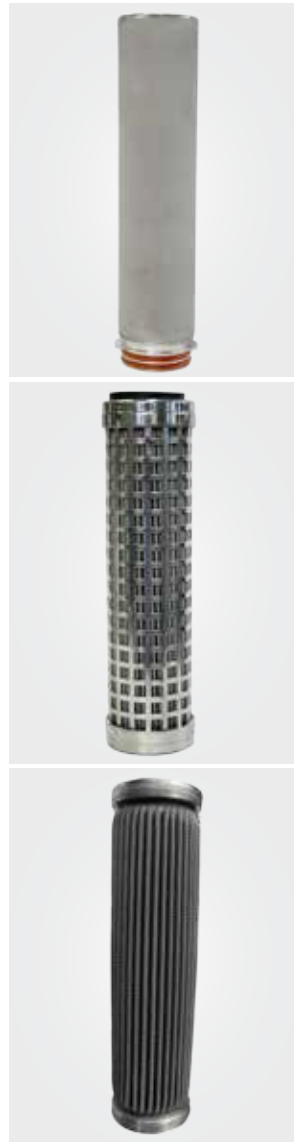
Consistent Performance

Cost Effective



METALLIC FILTERS

High Temperature Resistant



CHEMICAL

PHARMA

BIOTECH

FOOD & BEVERAGES





MICROSINT-SS

CODE: A0262

- Sinter Powder Media
- Hot Application Usage
- Low Pressure drop
- Consistent Filtration
- High Dirt Holding

MICROSINT-SS Sinter powder metals filters offers a wide range of sintered metal powder filtration products for a variety of applications and industries including chemical processing, refining, hot gas, pharmaceuticals, steam service, and many more. A unique sintering technology is used to create products with significant performance, durability, and reliability advantages. MICROSINT-SS, a industry exclusive, allows for removal of sub-micronic particles without the high pressure drop

Micron Rating	
Microns (μ)	0.5, 1, 2, 5, 10, 20, 40, 100
OD (Nominal)	
inch	2.5
Standard Sizes (Nominal)	
inch	10, 20, 30, 40
Filtration Area / 10" cartridge (Nominal)	
m²	0.1
Filter Media	
Stainless Steel 316L	
Support Layer / Cage / End Caps / Core	
SS 316	

Max Operating Temperature

150 °C

Max Operating Pressure

5 Bar
(72.5 psi)

Sintered Powdered

- Diffusion bonded
- SS Sintered Fiber
- Reuseable
- Cleanable
- Low Flow resistance

MICROSINF-SS

CODE: A0263



In **MICROSINF-SS**, diffusion-bonding process is the key. Porous stainless steel materials are layered, woven or pleated to provide the proper combination of application properties, as fine filtration, flow resistance, pressure drop, cooling efficiency and more. The entire unit is then sintered at high temperature in a controlled atmosphere furnace to diffusion bond all the layers and every contact point. This creates a sintered laminate bonded media that is surprisingly strong, ductile and corrosion resistant. They are durable and non-absorbent, they can be backwashed, cleaned and reused.

Micron Rating	
Microns (μ)	0.5, 1, 2, 5, 10, 20, 40, 100
OD (Nominal)	
inch	2.5
Standard Sizes (Nominal)	
inch	10, 20, 30, 40
Filtration Area / 10" cartridge (Nominal)	
m²	0.15
Filter Media	
Stainless Steel 316L	
Support Layer / Cage / End Caps / Core	
SS 316	

Max Operating Temperature

150 °C

Max Operating Pressure

5 Bar
(72.5 psi)

Sintered Fiber

MICROWIRE-SS

CODE: A0253

- High flow rate
- Mechanically cleanable
- Extended cartridge life
- High temperature resistant
- High dirt holding

MICROWIRE-SS is design specially for high flow rates, high dirt holding capacity and also designed for high temperature applications. The wire mesh is designed as either plain, plated types with single, double or multilayers. This product line has been specifically developed for microfiltration applications requiring tolerance to extreme thermal ranges and differential pressures while providing an extended service life. The filter exhibits exceptional chemical and thermal resistance. This cartridge may be cleaned mechanically, for reuse if required.

Micron Rating	
Microns (μ)	1, 3, 5, 10, 20, 40
OD (Nominal)	
inch	2.5
Standard Sizes (Nominal)	
inch	10, 20, 30, 40
Filtration Area / 10" cartridge (Nominal)	
m²	0.1 /0.2 (pleated)
Filter Media	
Stainless Steel 316L	
Support Layer / Cage / End Caps / Core	
SS 316	

Max Operating Temperature

240 °C

Max Operating Pressure

8 Bar
(116 psi)

Wire Mesh



- Wedge Wire / Slotted
- Out to in flow
- Easy backwash
- High viscosity filtration
- High temperature application

MICROSLOT-SS

CODE: A0295

MICROSLOT-SS consists of a wedge shaped metal ribbon with projections, wound edgewise on a cylindrical frame that is slotted or perforated. Flow is from the outside in. The openings between the wire winding and the degree of filtration are accurately and permanently established by the height of the projections. Particles larger than the openings between the windings are stopped at the outer surface where they are easily removed by a cleaning knife. The sump may be purged periodically to remove any contaminant. These filters have been designed to filter high viscous fluids.

Micron Rating	
Microns (μ)	30, 50, 75, 100, 125, 150, 200
OD (Nominal)	
inch	2.5
Standard Sizes (Nominal)	
inch	10, 20, 30, 40
Filtration Area / 10" cartridge (Nominal)	
m²	0.1
Filter Media	
Stainless Steel 316L	
Support Layer / Cage / End Caps / Core	
SS 316	

Max Operating Temperature

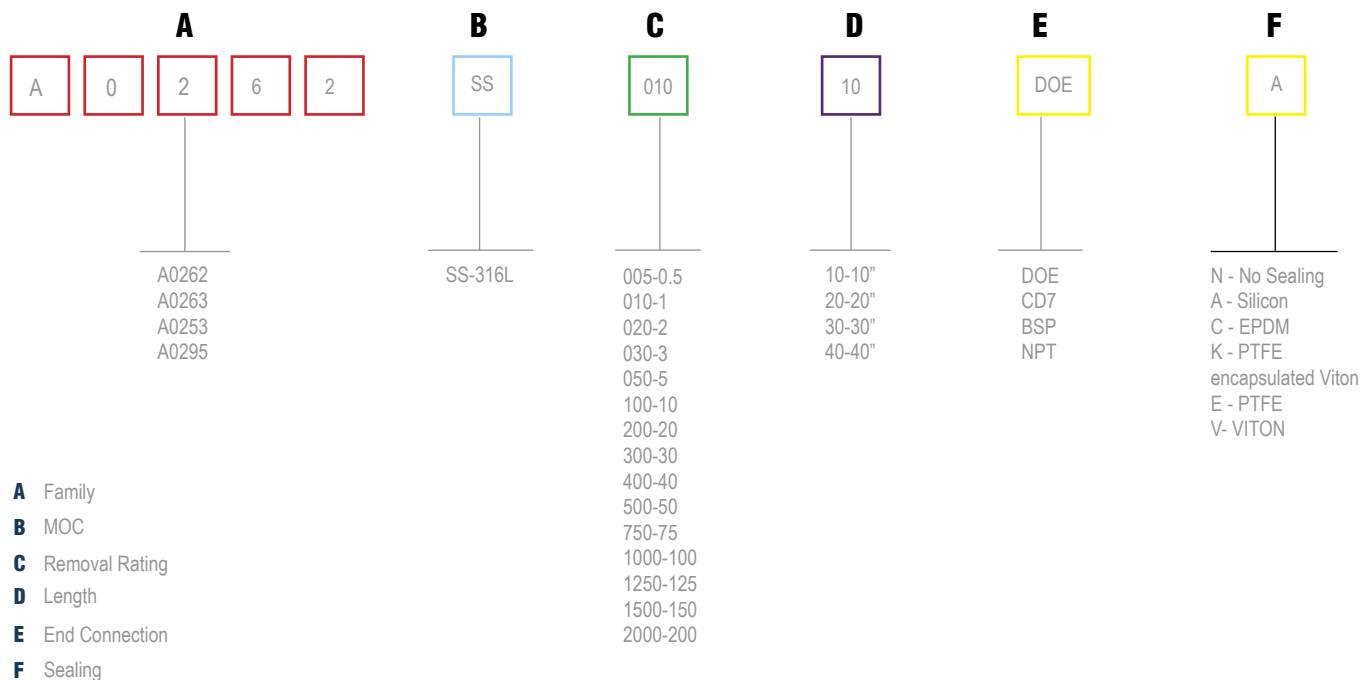
230 °C

Max Operating Pressure

8 Bar
(145 psi)

Wedge Wire





Note: Specifications and dimensions may change. Please check with us before ordering

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