

Stainless Steel Filter Cartridge

Features

- ◇ Inside out, outside in design available
- ◇ Cleansed by Ultrasonic and Acid before shipment
- ◇ Reusable and available for broad applications
- ◇ Manufactured by the world-class assembly lines which ensure both the quality and perfection of products
- ◇ Suitable for processing of high temperature, high pressure, high viscosity and high pollution
- ◇ Metallic manufacturing machines are reliable and can produce various kinds of weaving and opening
- ◇ Filtration efficiency and quality could be ensured by bubble-point tests
- ◇ Electrolyte processing refines the surfaces and make them more easier for cleaning



Applications

- ◇ PCB
- ◇ Petrochemical processes
- ◇ Beverage industry
- ◇ Optoelectronics
- ◇ CPF
- ◇ Ultrasound Cleaning and Steam Filtration

Specifications

Filtration Material	SUS304, SUS316, SUS316L
Micron Rate	0.5~1000 Micron
Cartridge Type	Flat Type, Pleated Type (Single Layer, Double Layers, Triple Layers, Five Layers, Multiple Layers)
Ending Cap	DOE, Inner O-ring, Outer O-ring, 222, 226 and Various NPT Connector
Weave	Plain, Square, Twill, Twill Dutch, Metal Fiber, Triple/Quintuple Layers Sintered
Length	5, 10, 20, 30, 40 inch and Customized Length
Max. Operating Pressure Drop	150 kg/ cm ² (5' 150 bar)
Max. Operating Temperature	450°C (Tailored)

Metal Fiber Filter Specifications

Absolute Filtration Accuracy (Micron)	Bubble Pressure (pa)	Average Air Permeability (1 / dm ² / min)	Weight (g / m ²)	Porosity (%)	Efficiency Amount of Pollution (mg / cm ²)
3	12300	9	975	65	6.40
5	7600	34	600	78	5.47
7	5045	57	600	72	6.47
10	3700	100	600	77	7.56
15	2470	175	600	80	7.92
20	1850	255	750	81	12.44
25	1480	320	1050	79	19.38
30	1235	455	1050	79	23.07
40	925	580	1200	77	25.96
60	630	1000	750	87	33.97

Notes :

1. The data sheet refers to the series of BEKAERT AL3 Filter Cloth.
2. The Bubble Pressure Test is complying with ISO 4003.
3. The Average Air Permeability Test is complying with ISO 4022. (The standard of air pressure is 200pa.)
4. The Efficiency Amount of Pollution Test is complying with ISO 4572. (The Ultimate Pressure Drop of filter cloths as 8 times as Initial Pressure Drop.)