

SINTERMESH CARTRIDGE

【Sintered metal fiber nonwoven fabric】

JSP
SERIES

JSC
SERIES

All stainless steel filter using sintered wire mesh.

● Differential pressure resistance

Because filter media is sintered, there is no sieve opening and filtration accuracy is maintained.

● Cleanliness

Superior in cleanliness because it is ultrasonically cleaned with RO water.

● Pressure resistance

Filter media is a three-layer structure and is suitable for liquid filtration with excellent pressure resistance and high viscosity.

● Chemical resistance

Alkaline and acid type chemicals are available.

● Heat-resistance

Heatproof temperature : (−190°C~)+400°C

● Reuse

It is economical because it can be washed and reused

● Configuration

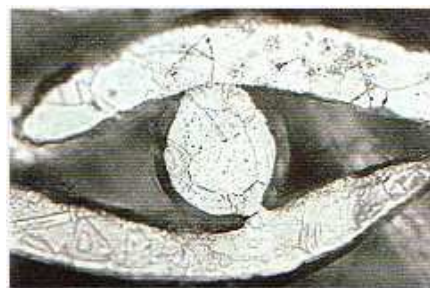
Compatible common products applicable
(OD ϕ 50 ~ ϕ 70 mm, Height 250, 500, 750 mm),
Can be upgraded to general filtration equipment.



Pleated type cartridge



Cylindrical cartridge



Sintered wire mesh

Filter composition

Media & Support: SUS316L End Plate: SCS14

Other: SUS316

Filtration accuracy(μ m,Nominal)

2, 5, 10, 15, 20, 40, 75, 100, 150, 300

Filtration area (m²)

shape \ Length (in)	10	20	30
Pleated type	0.15	0.30	0.45
Cylindrical type	0.04	0.09	0.13

Pressure resistance

Forward Flow : 0.86 MPa

Reverse Flow : 0.07 MPa

Model

Please select a model within the frame

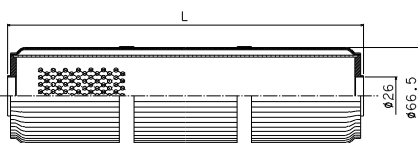
JS - - -

A B C D E

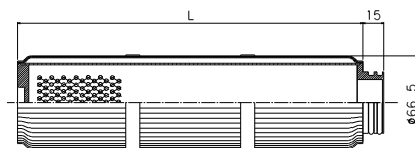
A	Filter material shape	B	Mounting structure	C	Length (mm) (Excluding gaskets)	D	Grade (μ m, Nominal)	E	Gasket Materials
	P : Pleated type C : Cylindrical type		No mark : Flat gasket W : 222O-ring type F : 226O-ring type		01 : 241.5 02 : 489 03 : 733 ※W・F type : 736.5		002 : 2 040 : 40 005 : 5 075 : 75 010 : 10 100 : 100 015 : 15 150 : 150 020 : 20 300 : 300		N : NBR T : PTFE D : Silicon V : Fluororubber E : EPDM

Mounting structure

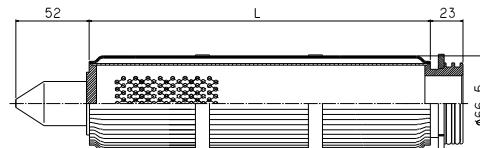
H type (Flat gasket type)



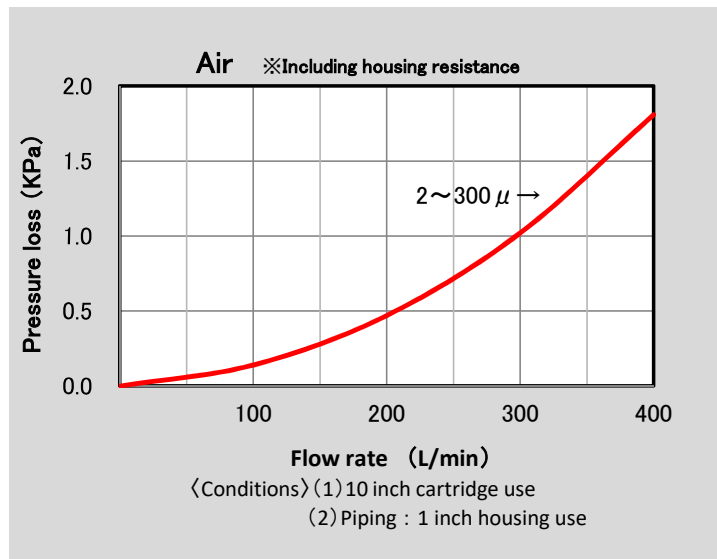
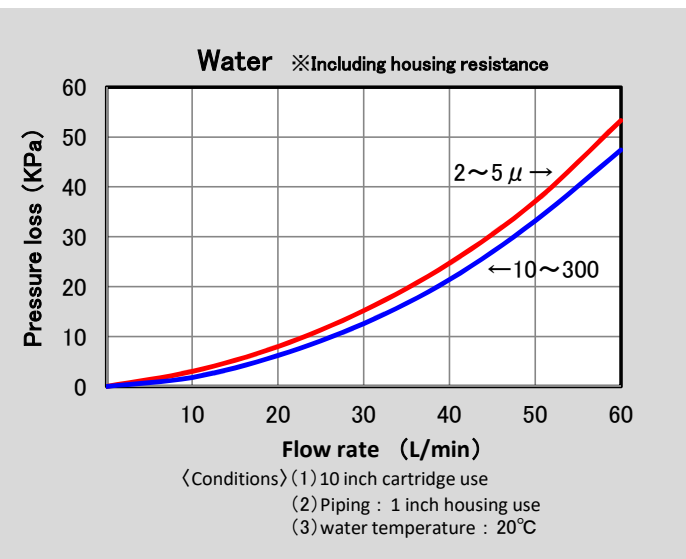
W type (222O-ring type)



F type (226O-ring type)



Flow characteristic



Method for cleaning and recycling cartridge

Backwashing

- Degrease the filter
(Refer to solvent degreasing, alkaline degreasing, surface activated degreasing.)
- With a soft brush, carefully brush the surface to remove dirt.
- Blow compressed air from the inside of the cartridge. (Repeat above several times)
- Degrease with a clean degreasing agent.
- Use compressed air to blow water, wash thoroughly, dry and finish it.

Chemical cleaning

- If backwashing can not be completed, wash with mixed acid and treat with nitric acid.
- Wash thoroughly with water, blow compressed air to remove moisture and dry.

Ultrasonic cleaning

- Perform ultrasonic cleaning in the cleaning solution.
- Wash thoroughly and dry.

To achieve desirable cleaning result recommended combine all above cleaning method.

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