

BRAZED CARTRIDGE

NJFP
SERIES

【Metal Fiber High Filtration Area Type】

It is an all stainless steel filter with high filtration area using sintered metal fiber nonwoven fabric.

● Double filtration area by brazing process

Brazing processing has a pleat folding width higher than that of conventional products, the filtration area is doubled, and it is most suitable for high flow liquid filtration. This will reduce the number of cartridges.

● Filtration efficiency, Filtration resistance

Sintered metal fiber nonwoven fabric has a high filtering porosity of 65 to 80%, so it is a filter with low filtration resistance and high foreign matter collection ability.

● Differential pressure resistance

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

● 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

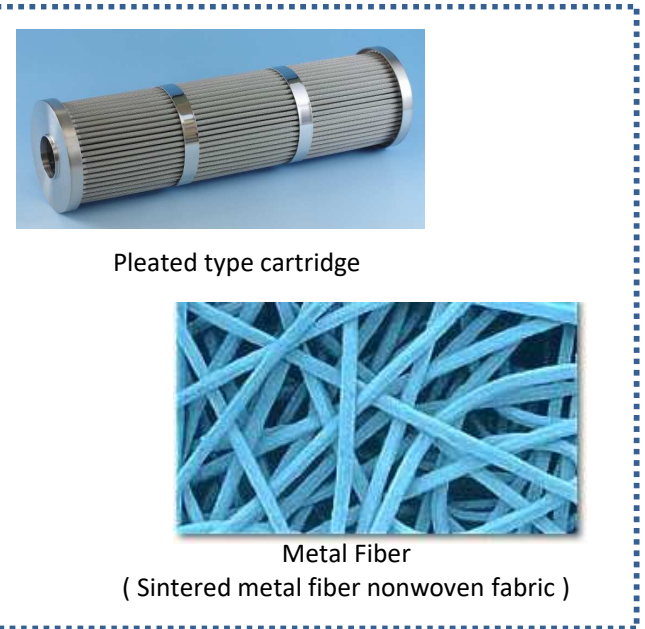
Heatproof temperature : (-190°C ~) +400°C

● Reuse

It is economical because it can be washed and reuse

● Compatibility

It is compatible with general products (OD ϕ 50 ~ ϕ 70 mm, Height 250, 500, 750 mm), and you can upgrade the filtration equipment.



Pleated type cartridge

Metal Fiber
(Sintered metal fiber nonwoven fabric)

Filter composition

media: SUS316L plate: SUS316
Other: nickel, SUS316

Filtration area

Nominal Length (in)	10
Filtration area (m ²)	0.19

Filtration accuracy (Nominal)

0.8, 1, 3, 5, 10, 15, 20, 25, 30, 40 μ

Pressure resistance

cartridge outside \Rightarrow inside 0.50 MPa
cartridge inside \Rightarrow outside 0.07 MPa

Model

Please select a model within the frame

NJFP — 01 — □□□ — □
A B C

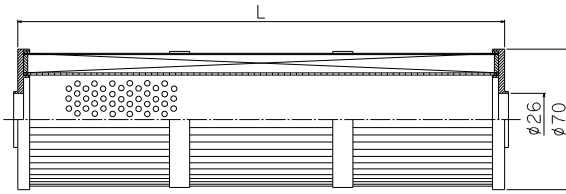
A	Length (including gaskets)
	O1 : 247.5mm

B	Filtration accuracy (Nominal)	
	O. 8 : 0.8 μ	O15 : 15 μ
	O01 : 1 μ	O20 : 20 μ
	O03 : 3 μ	O25 : 25 μ
	O05 : 5 μ	O30 : 30 μ
	O10 : 10 μ	O40 : 40 μ

C	Gasket
	N : NBR T : PTFE D : Silicon V : Fluororubber E : EPDM

Mounting structure

H type (Flat gasket type)



Flow characteristic

Method for cleaning and recycling cartridge

If clogging occurs and the pressure loss of the cartridge increases, please clean and regenerate in the following way.

- Backwashing
 - Please first degrease
(There are methods such as 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.

Depending on the type of dirt, if you combine each of the above cleaning methods, more effective cleaning can be expected.

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