

# BRAZED CARTRIDGE

NJSP  
SERIES

## 【Sintered Wire Mesh High Filtration Area Type】

All stainless steel filtration filter with high filtration area using sintered wire mesh.



● **1.5times filtration area by brazing process**

Brazing processing has a pleat folding width higher than that of conventional products, the filtration area is 1.5 times, and it is most suitable for high flow liquid filtration. This will reduce the number of cartridges.

● **Cleanliness**

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

● **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**

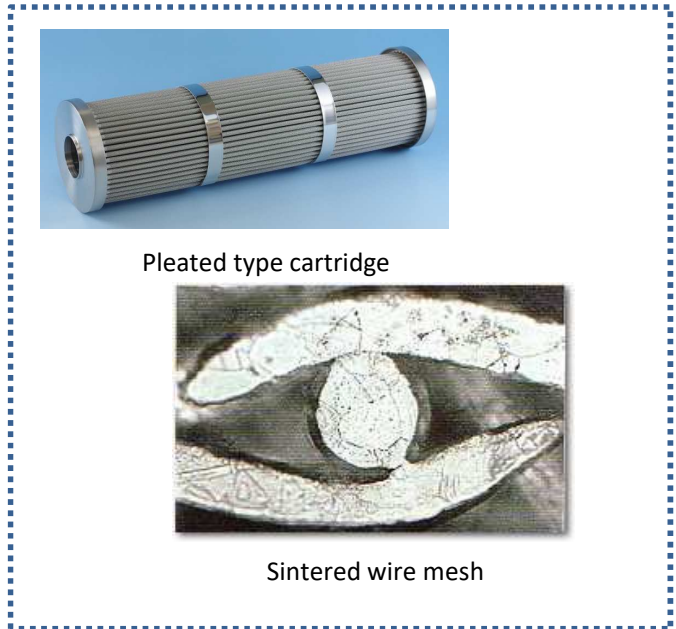
Heatproof temperature : (-190°C~) +400°C

● **Reuse**

It is economical because it can be washed and reuse

● **Configuration**

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



Pleated type cartridge



Sintered wire mesh

**Filter composition**

Media & Support: SUS316L End Plate: SUS316  
Other: Nickel, SUS316

**Filtration area**

Nominal Length (in)	10
Filtration area (m <sup>2</sup> )	0.23

**Filtration accuracy (Nominal)**

2, 5, 10, 15, 20, 40, 75, 100, 150, 300  $\mu$

**Pressure resistance**

Forward Flow : 0.50 MPa  
Reverse Flow : 0.07 Mpa

**Model**

Please select a model within the frame

NJSP — 01 — □□□ — □  
A B C

**A**

Length (mm) ( Excluding gaskets )
01 : 241.5

**B**

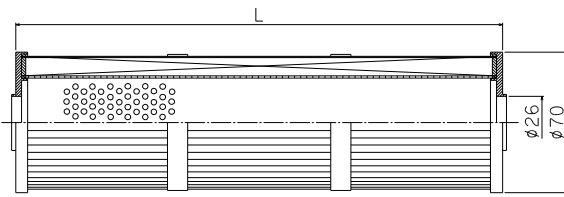
Grade ( $\mu$ m, Nominal)	
002 : 2	040 : 40
005 : 5	075 : 75
010 : 10	100 : 100
015 : 15	150 : 150
020 : 20	300 : 300

**C**

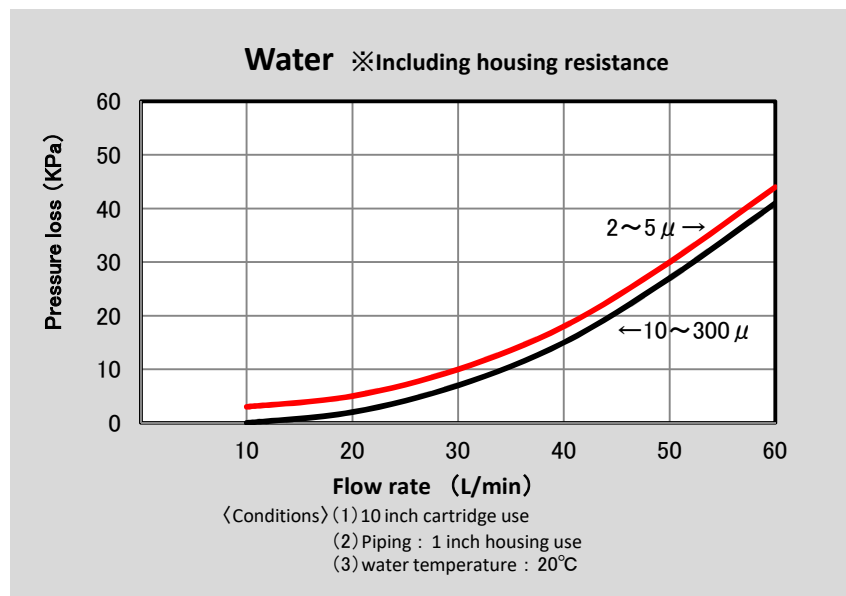
Gasket Materials
N : NBR
T : PTFE
D : Silicon
V : Fluororubber
E : EPDM

## Mounting structure

### H type (Flat gasket type)



## Flow characteristic



## Method for cleaning and recycling cartridge

- 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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