

TITANIUM FIBER CARTRIDGE

TJMP
SERIES

All titanium filter using pure titanium (JIS

1) Sintered fiber nonwoven fabric

● Corrosion resistance, Chemical resistance

Titanium is excellent for corrosion resistance, it is suitable for filtration of sea water which can not be handled with stainless steel, for highly corrosive chemicals, liquid filtration such as solvents.

● Filtration efficiency, Filtration resistance

Titanium 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.

● Pressure resistance

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

● Heat-resistance

Heatproof temperature : +300°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.

Filter composition

Media & Support: titanium End Plate: Titanium Other: Titanium

Filtration accuracy (Nominal)

20, 30, 40, 50, 80, 100 μ m

Filtration area

Nominal Length (in)	10	20	30
Filtration area (m ²)	0.05	0.1	0.15

Pressure resistance

cartridge outside \Rightarrow inside 0.86 MPa
cartridge inside \Rightarrow outside 0.07 Mpa

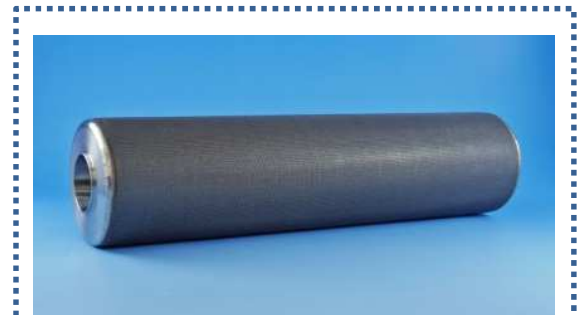
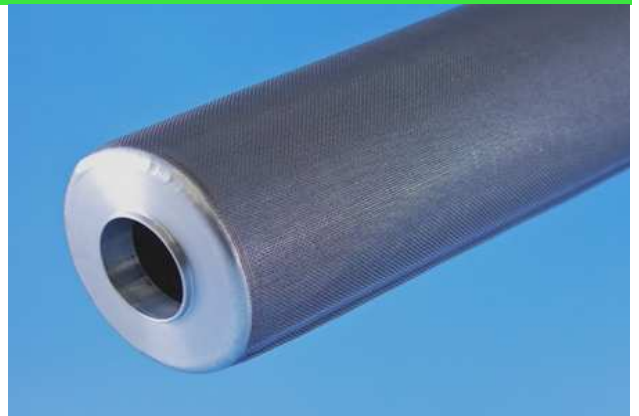
Model

Please select a model within the frame

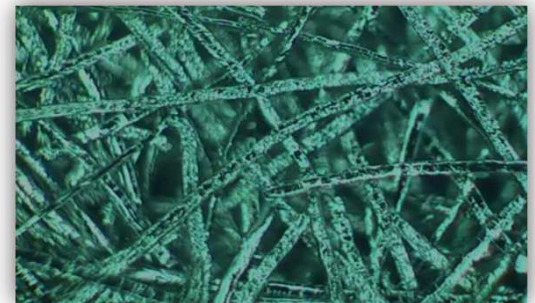
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A B C D

A	Mounting structure	B	Length (mm) (Excluding gaskets)	C	Grade (μ m, Nominal)	D	Gasket Materials
	No mark: Flat gasket type W : 2220-ring type F : 2260-ring type		01 : 241.5 02 : 489 03 : 733 ※W・F type : 736.5		020 : 20 050 : 50 030 : 30 080 : 80 040 : 40 100 : 100		N : NBR T : PTFE D : Silicon V : Fluororubber E : EPDM



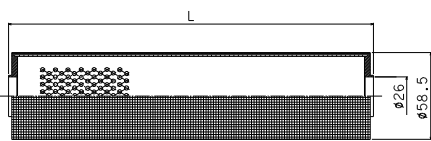
Cylindrical cartridge



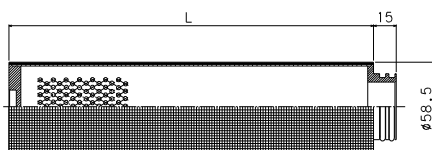
Titanium sintered metal fiber nonwoven fabric

Mounting structure

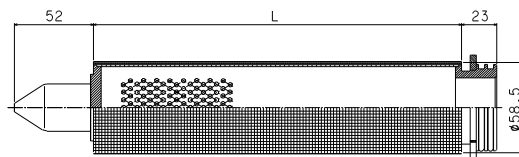
H type (Flat gasket type)



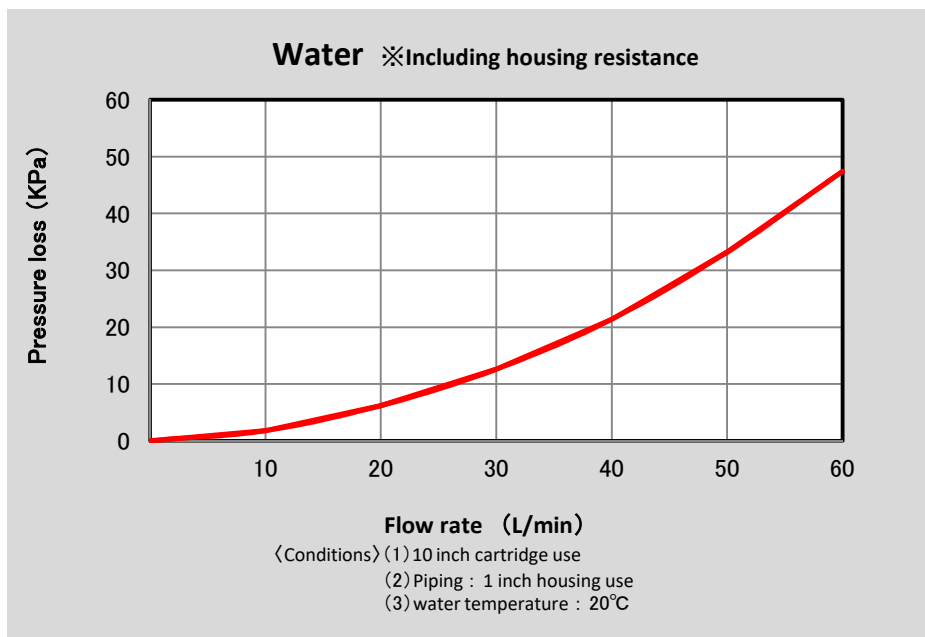
W type (222O-ring type)



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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