

SUS-PURE Filter Cartridges

NFC • NFP Type

(Cylindrical Type) (Pleated Type)

SUS-PURE Filter Cartridges “NFC” and “NFP” type are stainless steel filters made by sintering stainless steel micro-fibers and most suitable for filtration of high viscosity fluids and high temperature fluids.

A choice can be made from cylindrical “NFC” featured by the excellent cleaning performance of the media and pleated “NFP” featured by large filter area and long life.

Features

Filtration with very high removal efficiency is feasible, since stainless steel micro-fibers are layered and sintered.

The media is free from transformation because of the strong, sintered structure, and high removal efficiency is provided even in filtration of high viscosity fluids and under high differential pressure.

There is no concern about fiber migration, since fibers are seized mutually.

The filter cartridges made of SUS316, which shows excellent thermal and chemical compatibility, can be used for various situations.

Major Application

- Industrial water
- Air and steam
- Various high viscosity fluids
- Various high temperature fluids
- Paints
- Others

SUS-PURE Filter Cartridges NFC·NFP Type

Materials of Construction

NFC Type



NFP Type



Ordering Information

250L-NFC - 030

E

F

A

Nominal Length	Product Type	Micron Rating		Gasket / O-Ring	End Cap Code	Packaging Code
125 = 125mm	C = Cylindrical type	030 = 3.0 μm	200 = 20 μm	S = Silicone	F = D.O.E.	A = 1pc
250 = 250mm	P = Pleated type	050 = 5.0 μm	250 = 25 μm	E = EPDM	0 = 2-222 O-Ring	
500 = 500mm		100 = 10 μm	300 = 30 μm	N = NBR	5 = 2-222 O-Ring + Fin	
750 = 750mm		150 = 15 μm	400 = 40 μm	V = FKM	7 = 2-226 O-Ring + Fin	
				T = FEP Encapsulated FKM (for 0, 5, 7)		
				A=Foamed PTFE (for F)		

Specifications

Product Type		NFC·NFP							
Grade		030	050	100	150	200	250	300	400
Micron Rating (μm)		3.0	5.0	10	15	20	25	30	40
E.F.A.(m ²)		0.04 (NFC) / 0.1 (NFP)							
Dimensions	Length (mm)	125 / 250 / 500 / 750							
	O.D. (mm)	58.5 (NFC) / 66.5 (NFP)							
	I.D. (mm)	26.0 (for F) / 33.0(for 0, 5) / 39.0(for 7)							
Materials	Media	SUS316L							
	Core	SUS316							
	End Cap	SUS316							
	Gasket / O-Ring	NBR / EPDM / Silicone / FKM FEP Encapsulated FKM (for 0, 5, 7) / Foamed PTFE (for F)							
P(MPa)at20		0.86(Forward flow) / 0.07(Opposite flow)							

If you need further information on specifications(length, end cap type, etc.), please contact us.

Agent

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