

Metal Type
(Sintered Fiber)



SUS-PURE

NFC • NFP Type

Major Applications

High temperature liquid/ gas

Melted resin

Resin dissolving liquid

Other various chemicals

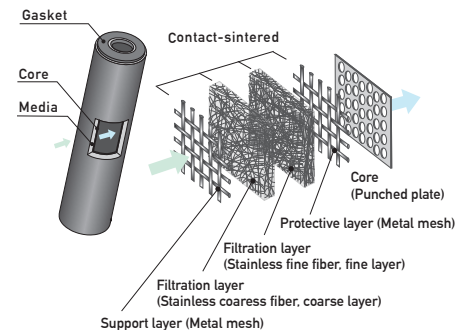
Features

- Sintered stainless fiber filter media
- Lineup of roll and pleated types
- All stainless steel

Advantages

- High filtration efficiency and low differential pressure
- Can be used for different purposes
- Excellent heat resistance and chemical resistance
- Can be used repeatedly by regenerative cleaning

Structure



Specifications

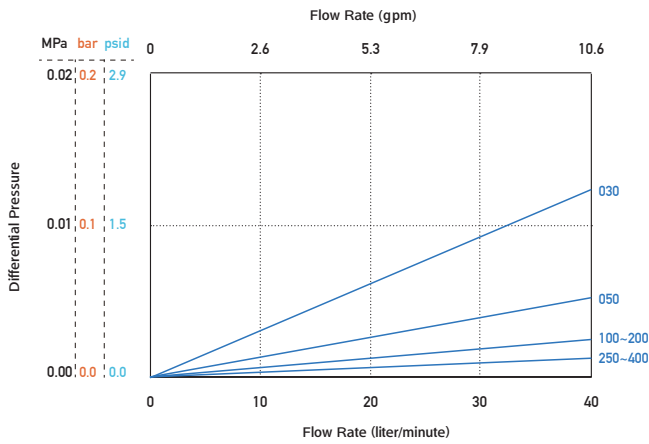
	020※1	030	050	100	150	200	250	300	400
Grades									
Micron Ratings (μm)	2.0	3.0	5.0	10	15	20	25	30	40
E.F.A.	0.04 (NFC) / 0.10 (NFP) m ² /250mm								
Media	AISI316L								
Materials Core	SUS316								
End Cap	SCS14								
Maximum ΔP	0.86 (8.6bar, 124psid) (Forward flow) / 0.07 (0.7bar, 10psid) (Opposite flow) MPa at 20°C (68°F)								
Length	125 / 250 / 500 / 750 mm								
O.D.	58.5 (NFC) / 66.5 (NFP) mm								
I.D.	26.0 (for F) / 33.0 (for 0.5) / 39.0 (for 7) mm								

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

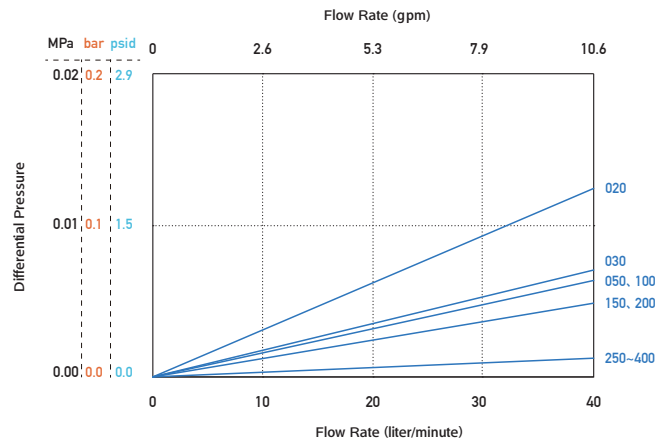
※1 NFP Type Only

Differential Pressure vs Flow Rate

NFC
Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



NFP
Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



Particle Removal Efficiency

Grades Particle Size (μm)	NFC Particle Removal Efficiency (%)							
	030	050	100	150	200	250	300	400
3.0	>99.9							
5.0		>99						
10		>99.9	>98					
15			>99.9	>95				
20				>99	>95			
25				>99.9	>99.9	>99		
30						>99.9	>99	
40							>99.9	>99

Grades Particle Size (μm)	NFP Particle Removal Efficiency (%)								
	020	030	050	100	150	200	250	300	400
2.0	>94								
3.0	>99	>98							
5.0	>99.9	>99.9	>99						
10			>99.9	>98					
15				>99.9	>97				
20					>99.9	>98			
25						>99.9	>99		
30							>99.9	>99	
40								>99.9	>98

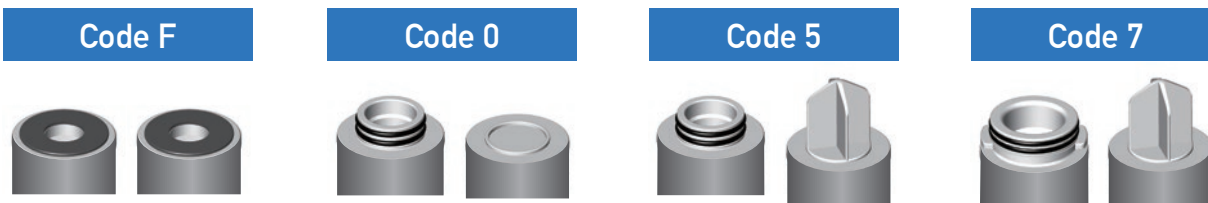
Test Conditions

Equipment : Liquid Particle Counter
Filtration : Single Pass
Fluid : Refined Water
Flow Rate : 10 liter/minute
Dust : ACFTD + LATEX Beads

Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
2 5 0 L	- N F C -	0 3 0	E	7	A
▼	▼	▼	▼	▼	▼
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm	NFC = Roll Type NFP = Pleated Type	020 = 2.0 μm 150 = 15 μm *1 NFP Type Only 200 = 20 μm 030 = 3.0 μm 250 = 25 μm 050 = 5.0 μm 300 = 30 μm 100 = 10 μm 400 = 40 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) A = Foamed PTFE (for F)	F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	1pc

End Cap Code



*The contents of the catalog are subject to change without notice.

*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope
Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



18th Issue
NFC_NFP200716E