

SUS-PURE

NFC_{Type}

Major Applications

Air, Steam

Examples: Rust in steam piping,
Scale, Particulate removal

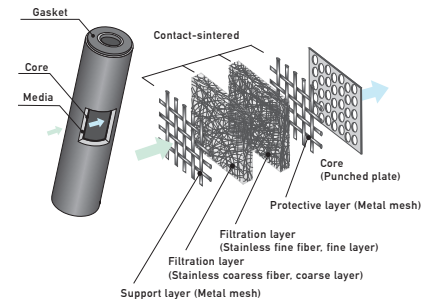

Features

- Sintered stainless fiber filter media
- Multi-layered structure with coarse filtration layer and fine filtration layer with high porosity

Advantages

- Excellent differential pressure vs. flow rate
- Low risk of stainless steel fiber leakage
- Can be used repeatedly by regenerative cleaning
- Long service life

Structure



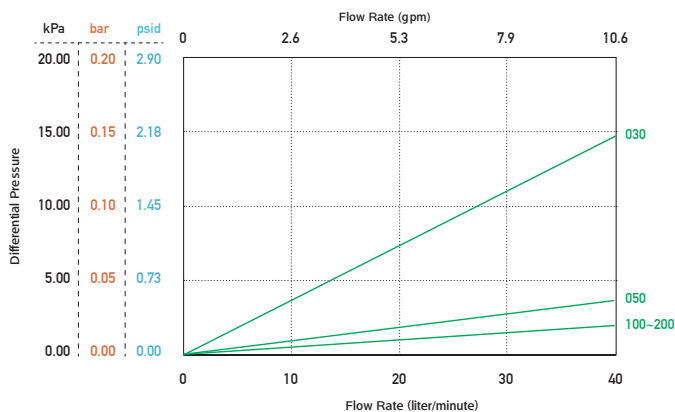
Specifications

Grades		030	050	100	150	200
Micron Ratings (μm)		3.0	5.0	10	15	20
E.F.A.		0.04m ² /250mm				
Materials	Media	AISI316L				
	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)				
Dimensions	Length	125 / 250 / 500 / 750 mm				
	O.D.	58.5mm				
	I.D.	26.0mm				

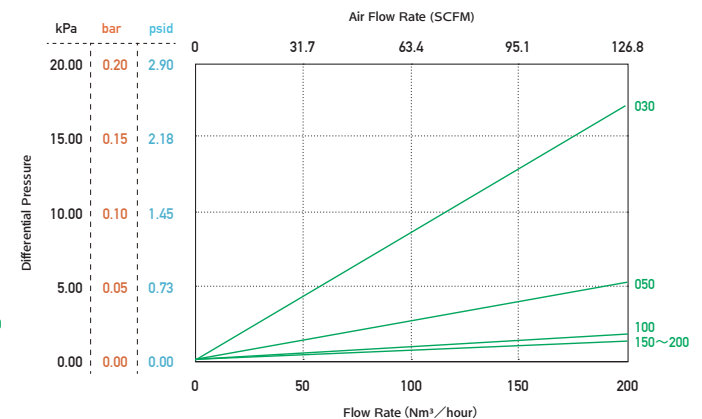
*If you need further information on specifications (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

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



Fluid: Air / Cartridge Length: 250mm



*SCFM: Temperature 21.1°C (70°F), Humidity: 0% RH, Standard pressure (101.3kPa)

Particle Removal Efficiency

Grades Particle Size (μm)	Refined Water Particle Removal Efficiency (%)				
	030	050	100	150	200
3.0	>99.9				
5.0		>99			
10		>99.9	>98		
15			>99.9	>95	
20				>99	>95
25				>99.9	>99.9

Test Conditions

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

Grades Particle Size (μm)	Clean Air Particle Removal Efficiency (%)				
	030	050	100	150	200
0.3	>99.9				
0.6		>99.9			
4.0			>99.9		
6.0				>99.9	
7.0					>99.9

Test Conditions

Equipment : Air Particle Counter
Filtration : Single Pass
Fluid : Clean air
Flow Rate : 1 liter/minute
Dust : JIS 11 type

Ordering Information

Length	Product Type	Micron Rating	Gasket	End Cap Code	Packaging Code
250 L	-NFC-	030	Y	F	A
125 = 125 mm		030 = 3.0 μm	Y = FKM for high temperature	F = Flat Gaskets	1pc
250 = 250 mm		050 = 5.0 μm			
500 = 500 mm		100 = 10 μm			
750 = 750 mm		150 = 15 μm			
		200 = 20 μm			

End Cap Code

Code F



*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.

ROKITECHNO MIRAI CO., LTD.

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan

TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

www.rokitechno.com

For our technical information, please click here.



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.



8th Issue
NFC200734LE