

SUS-PURE Filter Cartridge

NSC • NSP Type

(Cylindrical Type) (Pleated Type)

SUS-PURE Filter Cartridge “NSC” and “NSP” types are filter cartridge with contact-sintered stainless steel mesh media. Stable removal efficiency can be provided from initial filtration to the end of a filter life without change in pore size when a high viscosity fluid is filtered or when differential pressure increases.

A choice can be made from a cylindrical “NSC” with the excellent cleaning performance to the media and a pleated “NSP” with a featured by large filtration area and a long service life.

Features

There is no change in the pore size of the media even in the filtration of high viscosity fluids or under high differential pressure because of the use of contact-sintered stainless steel mesh unlike conventional strainers. Therefore stable can be offered.

The high cleaning performance of this filter and the high strength of the stainless steel mesh part allow the repeated use of the filter.

These filter cartridges with the media made of SUS316, which shows excellent thermal and chemical compatibility, can be used for versatile application.

Major Application

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

SUS-PURE Filter Cartridges NSC·NSP Type

Filter Appearance

NSC Type



NSP Type



Ordering Information

250L-NSC - 020

E

F

A

Nominal Length	Product Type	Micron Rating		Gasket / O-Ring	End Cap Code	Packaging Code
125 = 125mm	C = Cylindrical type	020 = 2.0 μm	400 = 40 μm	S = Silicone	F = D.O.E.	A = 1pc
250 = 250mm	P = Pleated type	050 = 5.0 μm	750 = 75 μm	E = EPDM	0 = 2-222 O-Ring	
500 = 500mm		100 = 10 μm	10H = 100 μm	N = NBR	5 = 2-222 O-Ring + Fin	
750 = 750mm		150 = 15 μm	15H = 150 μm	V = FKM	7 = 2-226 O-Ring + Fin	
		200 = 20 μm	30H = 300 μm	T = FEP Encapsulated FKM (for 0, 5, 7)		
				A=Foamed PTFE (for F)		

Specifications

Product Type		NSC·NSP									
Grade		020	050	100	150	200	400	750	10H	15H	30H
Micron Rating (μm)		2.0	5.0	10	15	20	40	75	100	150	300
E.F.A.(m ³)		0.04 (NSC) / 0.15 (NSP)									
Dimensions	Length (mm)	125 / 250 / 500 / 750									
	O.D. (mm)	58.5 (NSC) / 66.5 (NSP)									
	I.D. (mm)	26.0 (for F) / 33.0(for 0, 5) / 39.0(for 7)									
Materials	Media	SUS316									
	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.

Distributor

ROKI

ROKI TECHNO CO., LTD.

Process Products Division
6-20-12, Minami-ohi, Shinagawa-ku
Tokyo, 140-8576 Japan
TEL +81-3-5764-1131
FAX +81-3-5764-0684
1K 050914-01(G) Original Issue