

SNP Type (100% Nylon)

The SNP cartridges are constructed of 100% Nylon filters equipped with the features of both pleated and depth cartridges. The SNP cartridges provide stable filtration of applications where polypropylene cartridges can not be used for a long time of period, since they are constructed of Nylon media, featuring that it is hard to swell and deteriorate even for use in organic solvents.

Features

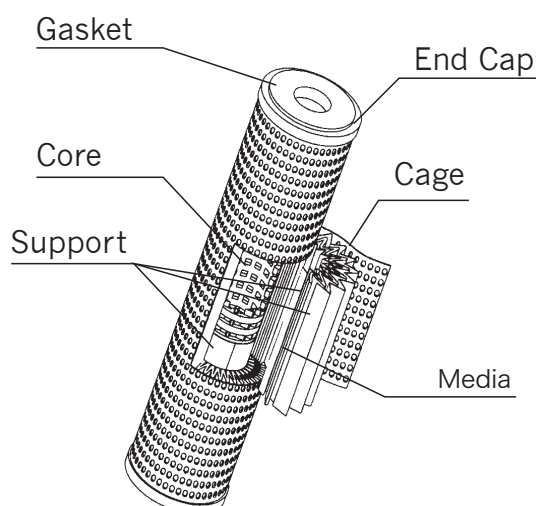
- Equipped with the features of both thick media in depth construction and a large surface area in pleated construction, the SNP cartridges provide longer service life, resulting in initial cost or running cost reduction.
- The SNP cartridges provide effective removal of soft contaminants such as gels, since the filtering speed is controlled low.
- No binders or surfactants are used in the manufacturing process, which provides low extractables and wide chemical compatibility.


Major Applications

- Polar solvent based metal past, slurry, binder
- High - performance paint
- Highly viscous paint



Materials of Construction

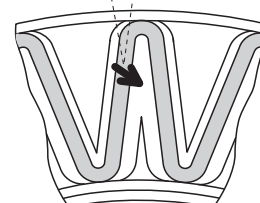
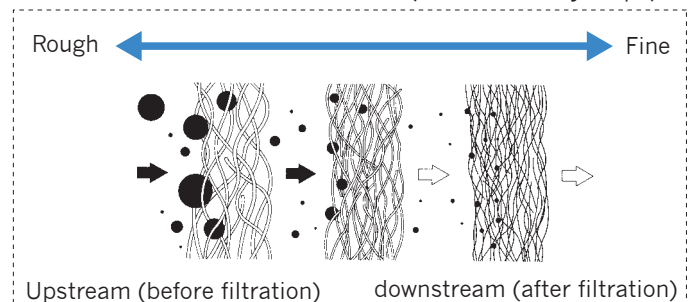




Ez-Change™
Capsule Filter Cartridge

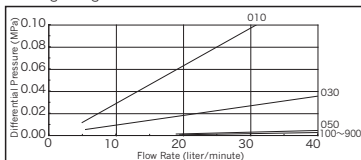
This product can be installed in the Capsulate Filter "Ez-Change". Please refer to the Ez-Change catalog in detail.

LOPE-PURE Filtration Mechanism (Graded Density Slope)



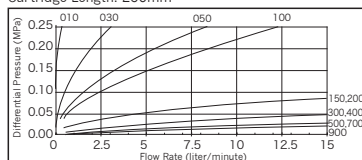
Differential Pressure vs Flow Rate

Fluid: Water(20°C)
Cartridge Length: 250mm



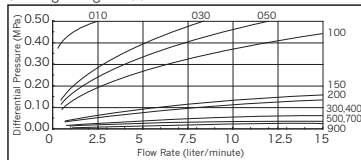
※The data do not include piping pressure drop.

Fluid: CMC(400cP, 20°C)
Cartridge Length: 250mm



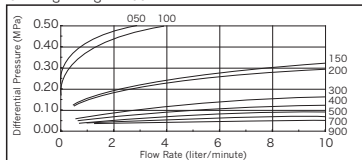
※The data do not include piping pressure drop.

Fluid: CMC(1000cP, 20°C)
Cartridge Length: 250mm



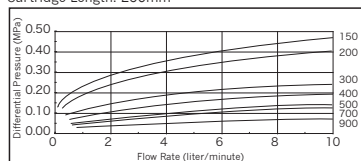
※The data do not include piping pressure drop.

Fluid: CMC(5000cP, 20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Fluid: CMC(10000cP, 20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)										
	SNP-010	SNP-030	SNP-050	SNP-100	SNP-150	SNP-200	SNP-300	SNP-400	SNP-500	SNP-700	SNP-900
1.0	>98										
3.0	>99.9	>99.9	>98	>95							
5.0			>99.9	>98							
10.0				>99.9	>98						
15.0					>99.9	>95					
20.0						>98	>95				
30.0						>99.9	>98	>98	>95		
40.0							>99.9	>99.9	>98	>95	
50.0									>99.9	>99.9	

<Test Condition>

Equipment: Hiac Royco Particle Counter
Model 8000A/8000S

Filtration : One Pass

Fluid : Refined Water

Flow Rate : 10 liter/minute

Dust : ACFTD+Latex Beads

Ordering Information

250 L-SNP-050 E F B



[Nominal Length]

125 = 125mm
250 = 250mm
500 = 500mm
750 = 750mm



[Product Type]



[Micron Rating]

010 = 1.0μm 300 = 30μm
030 = 3.0μm 400 = 40μm
050 = 5.0μm 500 = 50μm
100 = 10μm 700 = 70μm
150 = 15μm 900 = 90μm
200 = 20μm



[Gasket/O-ring]

S = Silicone
E = EPDM
N = NBR
V = FKM
T = FEP Encapsulated FKM (for 0, 5, 7)
A = Foamed PTFE (for F)



[End Cap Code]

F = Flat Gaskets
0 = 2-222 O-Ring
5 = 2-222 O-Ring+Fin
7 = 2-226 O-Ring+Fin



[Packaging Code]

B = 6pcs
C = 10pcs
F = 25pcs

Specification

Product Type	SNP											
Grade	010	030	050	100	150	200	300	400	500	700	900	
Micron Rating (μm)	1.0	3.0	5.0	10	15	20	30	40	50	70	90	
E.F.A. (nl/250L)	0.18	0.18	0.17	0.19	0.19	0.19	0.19	0.23	0.25	0.21	0.25	
Dimen- sions	Length (mm)	125 / 250 / 500 / 750										
	O.D. (mm)	70.0										
	I. D. (mm)	28.0										
Materials Media	Media	Nylon 6										
	Support	Nylon 6										
	Core	Nylon 6 with filler										
	Cage	Denatured Nylon										
	End Cap	Nylon 12										
	Gasket/O-Ring	Silicone / EPDM / NBR / FKM / FEP Encapsulated FKM (for 0, 5, 7) / Foamed PTFE (for F)										
	Maximum ΔP (MPa)at 20°C	0.49										
	Maximum Operating Temp.(°C)	120										

The products are manufactured under control by the quality management system registered as conforming to the ISO9001 standard.

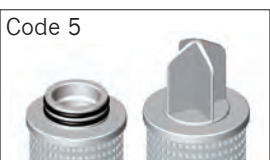
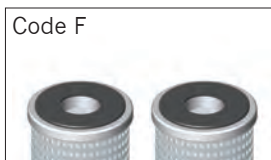


Scope: Manufacture of Filter cartridges

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

※With regard to ΔP (MPa) at around 120°C, please consult us.

End Cap Code



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