

SNN Type (100% Nylon)

The SNN cartridges are depth filters, constructed of 100% Nylon with graded density slope, which provides higher temperature compatibility and longer service life for the liquids with a wide particle distribution.

Features

- Constructed of Nylon media, featuring that it is hard to swell and deteriorate even for use in organic solvents, the SNN cartridges provide stable filtration of applications where polypropylene cartridges can not be used for a long time of period.
- The SNN cartridges provide longer service life, since the ideal graded density slope from coarse (outside) to fine (inside) is equipped.
- No binders or surfactants are used in the manufacturing process, which provides low extractables and wide chemical compatibility.

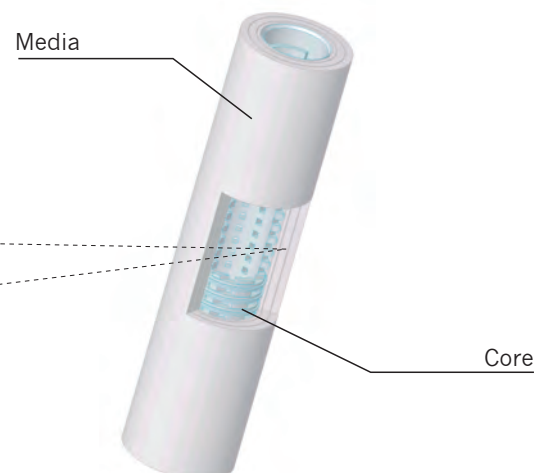
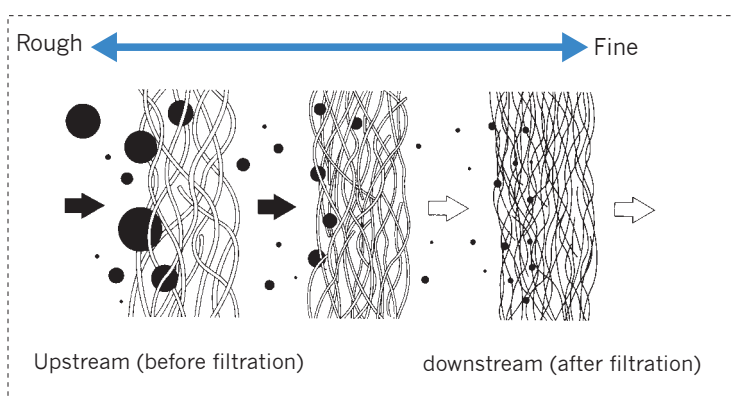
Major Applications

- Hydrocarbon and chlorinated solvents
- Volatile oils
- Lubricating oils at a high temperature
- Others

Materials of Construction

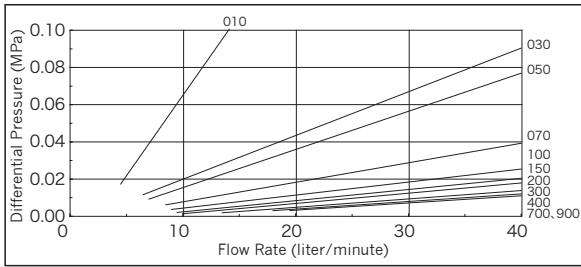


SLOPE-PURE Filtration Mechanism (Graded Density Slope)



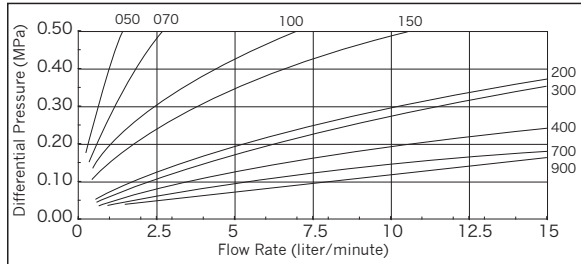
Differential Pressure vs Flow Rate

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.

Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)											
	SNN-010	SNN-030	SNN-050	SNN-070	SNN-100	SNN-150	SNN-200	SNN-300	SNN-400	SNN-700	SNN-900	
1.0	>98	>95										
3.0	>99.9	>99.9	>99.9	>95								
5.0				>99.9	>95							
7.0					>99.9	>95						
10.0						>98	>95					
15.0						>99.9	>99.9	>98	>95			
20.0								>99.9	>98			
25.0										>99	>95	
30.0										>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 (Radiolite #800 for SNN-700, 900)

Ordering Information

250 L-SNN-100 C

[Nominal Length]
125 = 125mm
250 = 250mm
500 = 500mm
750 = 750mm

[Product Type]

[Micron Rating]
010 = 1.0μm 200 = 20μm
030 = 3.0μm 300 = 30μm
050 = 5.0μm 400 = 40μm
070 = 7.0μm 700 = 70μm
100 = 10μm 900 = 90μm
150 = 15μm

[Gasket/O-ring]
C = No Sealing
S = Silicone
E = EPDM
N = NBR
V = FKM
T = FEP Encapsulated FKM (for 0, 5, 7)
A = Foamed PTFE (for F)

[End Cap Code]
Z = only for C
F = Flat Gaskets
0 = 2-222 O-Ring
5 = 2-222 O-Ring+Fin
7 = 2-226 O-Ring+Fin

[Packaging Code]
A = 1pc
B = 6pcs
C = 10pcs
F = 25pcs

Specification

Product Type		SNN										
Grade		010	030	050	070	100	150	200	300	400	700	900
Micron Rating (μm)		1.0	3.0	5.0	7.0	10	15	20	30	40	70	90
Dimen-sions	Length (mm)	125 / 250 / 500 / 750										
	O.D. (mm)	68.0 (for F,0,5,7) / 66.0 (for CZ)										
	I. D. (mm)	28.0 (for F,0,5,7) / 29.5 (for CZ)										
Materials Media	Media	Nylon 6										
	Core	Nylon 6 with filler										
	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 operating temperature, please consult our sales representatives.

End Cap Code



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