


**SLOPE-PURE**

# SNN Type

**Major Applications**

Various high-concentration dispersions

Chemicals

Resin dissolving liquid

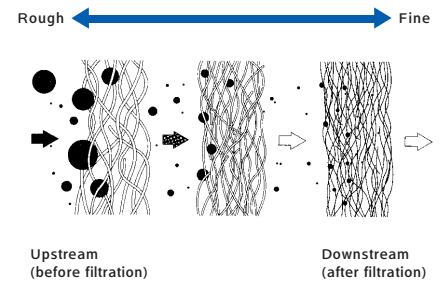
Lubricant oil

**Features**

- 100% Nylon
- Depth filter structure with wide filtration grade slope
- Variety of micron ratings
- No use of binder or surfactant

**Advantages**

- Can be used with a wide range of organic solvents
- Excellent heat resistance
- Long service life for high-concentration dispersion with a wide particle size distribution
- Micron ratings can be selected according to the purpose.
- Low extractables risk

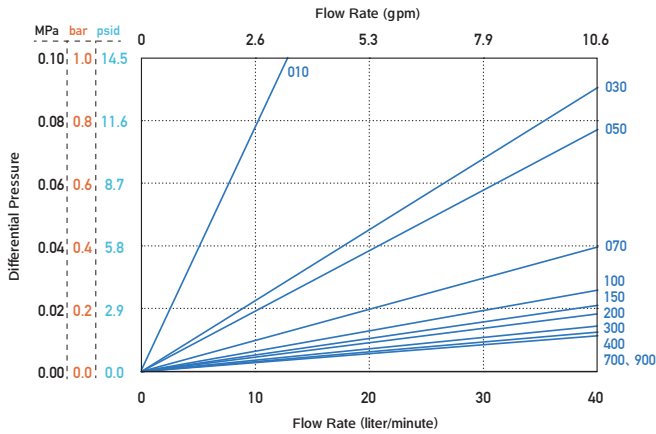
**Structure**

**Specifications**

		010	030	050	070	100	150	200	300	400	700	900
Grades		010	030	050	070	100	150	200	300	400	700	900
Micron Ratings ( $\mu\text{m}$ )		1.0	3.0	5.0	7.0	10	15	20	30	40	70	90
Materials	Media	Nylon										
	Core	Nylon										
	End Cap	Nylon										
Maximum $\Delta P$		0.49MPa at 20°C (71psi at 68°F)										
Maximum Operating Temp		120°C (248°F)										
Dimensions	Length	125 / 250 / 500 / 750 mm										
	O.D.	66.0 (for CZ) / 68.0 (for F, 0, 5, 7) mm										
	I.D.	26.0 (for F, 0, 5, 7) / 29.5 (for CZ) mm										

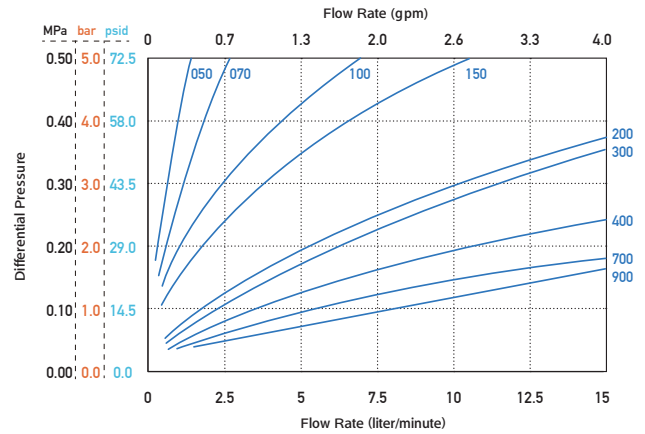
\*If you need further information on specifications (length, end cap type, etc.), please contact us.

## Differential Pressure vs Flow Rate

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



Fluid: CMC (400mPa·s) / Cartridge Length: 250mm



## Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)										
Particle Size (μm)	010	030	050	070	100	150	200	300	400	700	900
1.0	> 98										
3.0	> 99.9	> 98									
5.0		> 99.9	> 98								
7.0			> 99.9	> 98							
10				> 98							
15				> 99.9	> 98						
20					> 99.9	> 98					
25						> 99.9	> 98				
30							> 99.9	> 98			
40								> 99.9			

### Test Conditions

Equipment : Liquid Particle Counter  
 Filtration : Single Pass  
 Fluid : Refined Water  
 Flow Rate : 10 liter/minute  
 Dust : ACFTD + LATEX Beads (SNN-010~400)  
 Diatomaceous earth (SNN-700, 900)

## Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<b>2 5 0 L</b>	<b>-SNN-</b>	<b>1 0 0</b>	<b>C</b>	<b>Z</b>	<b>F</b>
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		010 = 1.0 μm    200 = 20 μm 030 = 3.0 μm    300 = 30 μm 050 = 5.0 μm    400 = 40 μm 070 = 7.0 μm    700 = 70 μm 100 = 10 μm    900 = 90 μm 150 = 15 μm	C = No Sealing S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) A = Foamed PTFE (for F)	Z = For C F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	A = 1pc B = 6pcs C = 10pcs F = 25pcs

## 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.



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MS CM009

21st Issue  
 SNN200605E