

## SNP Type

(For high viscosity & high solid content liquid)  
(100% Nylon)

### Major Applications

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

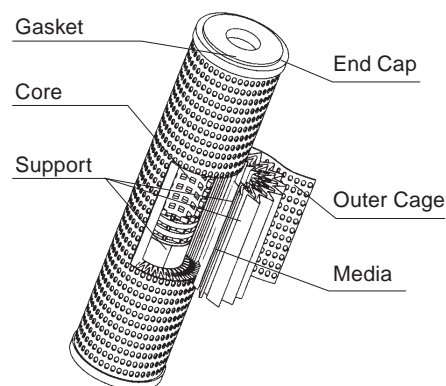
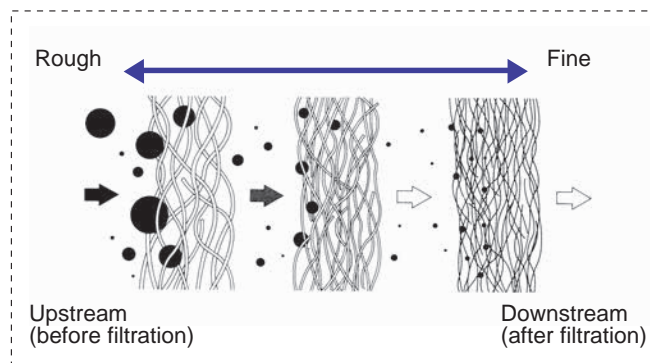


### Features & Benefits

- High liquid permeability
  - Adoption of highly rigid support material enables filtration of high viscosity and high solid content liquid.
- Reducing of overall cost
  - Combined with thick media and wide filtration area achieves longer service life and less amount of use.
- Excellent solvent resistance
  - Capable of filtering Aromatic and hydrocarbon solvents because of all nylon materials.
- High temperature (120°C/248°F) durability
  - Stable filtration is achieved for various high temperature liquids like organic solvents and oils.

### Materials of Construction

SLOPE-PURE Filtration Mechanism (Graded Density Slope)



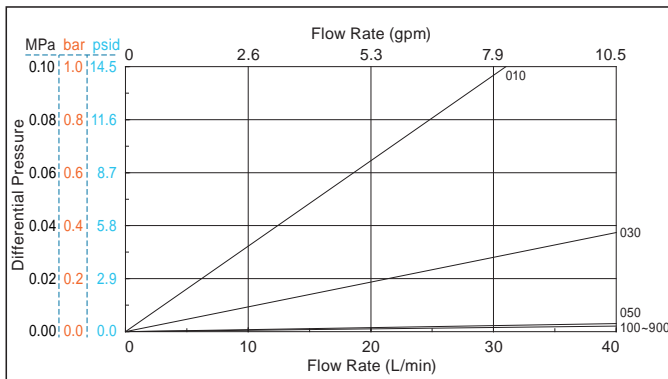
### Specification

Product Type		SNP										
Micron Rating (µm)		1.0	3.0	5.0	10	15	20	30	40	50	70	90
E.F.A. (m <sup>2</sup> / 250mm)		0.18	0.18	0.17	0.17	0.19	0.19	0.19	0.22	0.26	0.21	0.26
Dimensions	O.D. (mm)	70.0										
	I.D. (mm)	26.0										
Materials	Media	Nylon										
	Support	Nylon										
	Core, End Cap	Nylon										
	Outer Cage	Nylon										
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)										
Maximum Operating Temp.		120°C (248°F)										

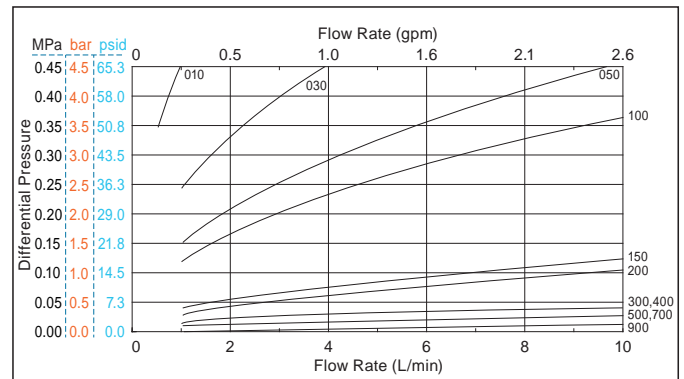
\* If you need further information on specifications (length, end cap type, etc.), please contact us.

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

## Flow Rate



Fluid: Refined Water (20°C (68°F)) Cartridge Length: 250mm  
\* The data does not include piping pressure drop.



Fluid: CMC (1,000cP) Cartridge Length: 250mm  
\* The data does not include piping pressure drop.

\*The above data is based on our test condition, and is not guaranteed value.

## Particle Removal Efficiency

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

<Test Condition>

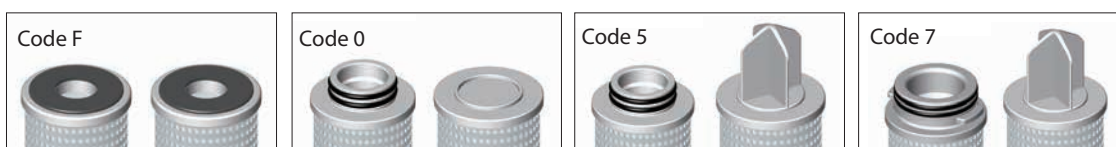
Equipment : Particle Counter in Liquid  
Filtration : Single Pass  
Fluid : Refined Water  
Flow Rate : 10 liter/minute  
Dust : ACFTD+Latex Beads

\*The above data is based on our test condition, and is not guaranteed value.

## Ordering Information

2 5 0	<b>L-SNP-</b>	0 5 0	E	F	B
↓	↓	↓	↓	↓	↓
[ Nominal Length ]	[ Product Type ]	[ Micron Rating ]	[ Gasket/O-Ring ]	[ End Cap Code ]	[ Packaging Code ]
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		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	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) A = Foamed PTFE (for F)	F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	B = 6pcs C = 10pcs F = 25pcs

## End Cap Code



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.

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