


**SLOPE-PURE**

# SNP<sub>Type</sub>

**Major Applications**

Various high-concentration dispersions

Various high viscosity liquids, paste

Resin dissolving liquid

Adhesive

**Features**

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

**Advantages**

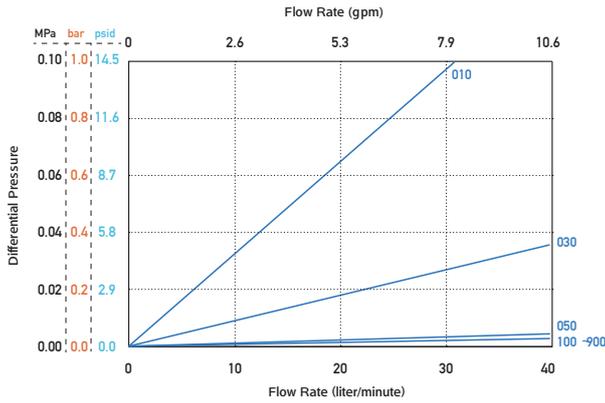
- Can be used with a wide range of organic solvents
- Excellent heat resistance
- High flow rate filtration is possible for liquids with a wide particle size distribution.
- Micron ratings can be selected according to the purpose.
- Low extractables risk

**Specifications**

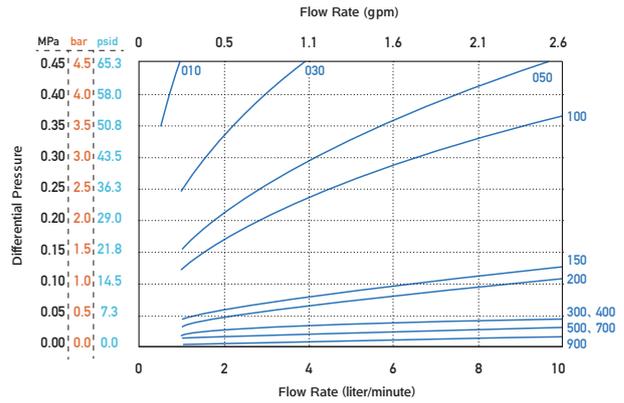
	010	030	050	100	150	200	300	400	500	700	900
Grades	010	030	050	100	150	200	300	400	500	700	900
Micron Ratings ( $\mu\text{m}$ )	1.0	3.0	5.0	10	15	20	30	40	50	70	90
E.F.A. ( $\text{m}^2/250\text{mm}$ )	0.18	0.18	0.17	0.17	0.19	0.19	0.19	0.22	0.26	0.21	0.26
Materials	Media	Nylon									
	Core/Cage	Nylon									
	Support	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.	70.0mm									
	I.D.	26.0mm									

# Differential Pressure vs Flow Rate

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



Fluid: CMC (1Pa·s) / Cartridge Length: 250mm



# Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)										
Particle Size (μm)	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				>99.9	>99.9	>98					
15						>99.9					
20							>98				
30							>99.9	>98			
40								>99.9	>99.9	>98	
50										>99.9	>98

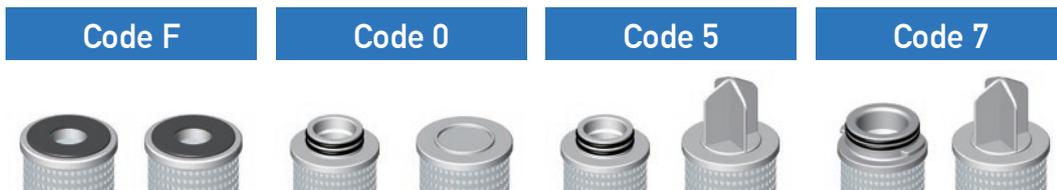
### Test Conditions

- Equipment : Liquid Particle Counter
- Filtration : Single Pass
- Fluid : Refined Water
- Flow Rate : 10 liter/minute
- Dust : ACFTD + LATEX Beads (SNP-010~200)  
Diatomaceous earth (SNP-300~900)

# Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<b>2 5 0 L</b>	<b>-SNP-</b>	<b>0 5 0</b>	<b>E</b>	<b>F</b>	<b>B</b>
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		010 = 1.0 μm    300 = 30 μm 030 = 3.0 μm    400 = 40 μm 050 = 5.0 μm    500 = 50 μm 100 = 10 μm    700 = 70 μm 150 = 15 μm    900 = 90 μm 200 = 20 μm	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



\*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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For our technical information, please click here. ▼



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.



JQA-QMA16323

IMS CM009

26th Issue  
SNP200603E