


**SLOPE-PURE**

# SNP Type

**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

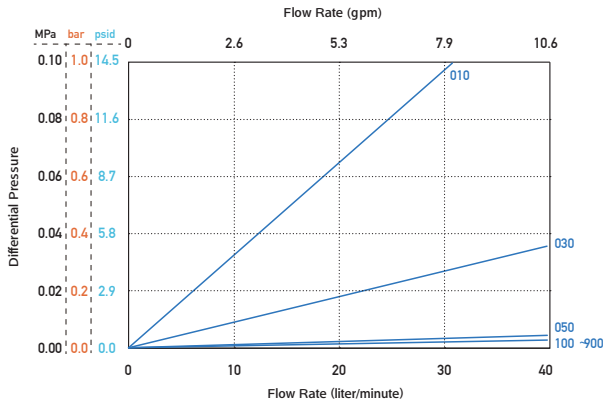
**Specifications**

	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										

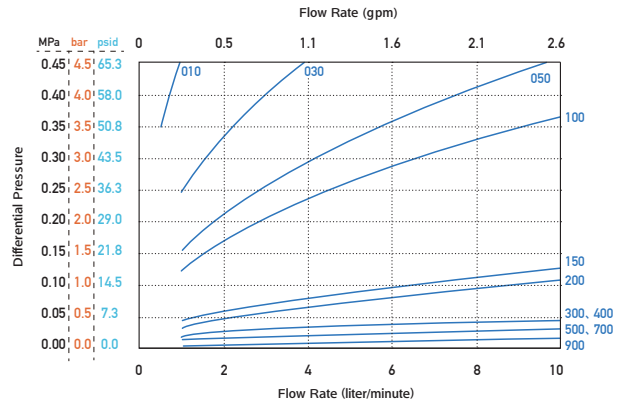
\*If you need further information on specifications (length, end cap type, etc.), please contact us.

## Differential Pressure vs Flow Rate

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



Fluid: CMC (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

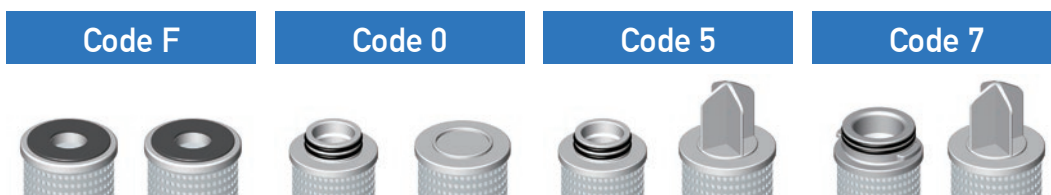
### Test Conditions

**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
2 5 0 L	-SNP-	0 5 0	E	F	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.

**ROKIGROUP International Pte. Ltd.**

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan  
 TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

[www.rokiglobal.com](http://www.rokiglobal.com)

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

24th Issue  
 SNP200603E