

## SLP Type

(100% Polypropylene)

### Major Applications

- Various raw material slurry for electronic components
- Various inks, Paints
- Beer, Wine, Mineral Water
- Industrial water and water for beverages
- Others

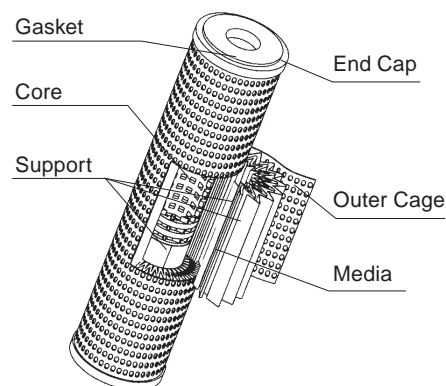
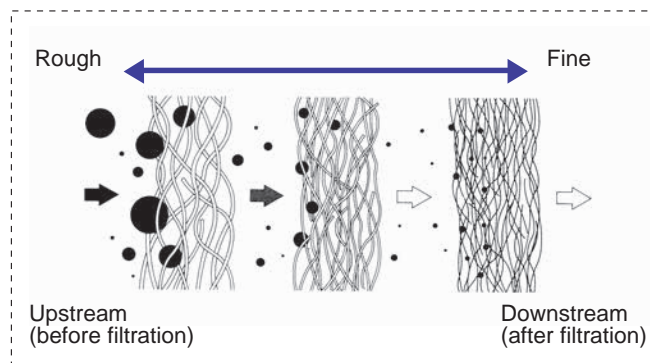


### Features & Benefits

- **Contribution to the reduction in total cost of ownership**
  - "Thick filtration layer" like depth type allows long service life.
  - Wide filtration area enables high flow rate similar to pleated designed.
- **Excellent chemical resistance**
- **Low extractables**
  - Since binders or surfactants are not used in filter, extractables are extremely low.

### Materials of Construction

SLOPE-PURE Filtration Mechanism (Graded Density Slope)



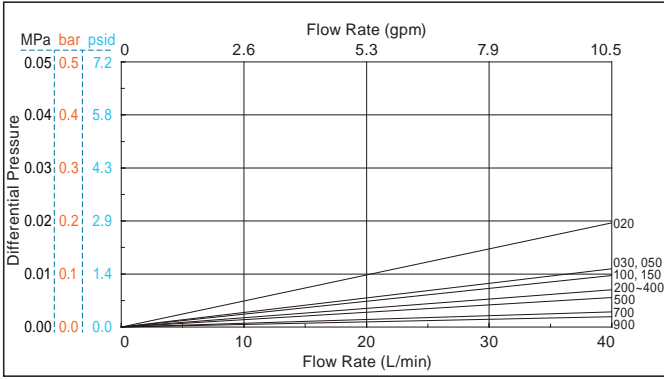
### Specification

Product Type		SLP										
Micron Rating (µm)		2.0	3.0	5.0	10	15	20	30	40	50	70	90
E.F.A. (m <sup>2</sup> / 250mm)		0.28	0.26	0.24	0.25	0.22	0.20	0.22	0.22	0.22	0.22	0.22
Dimensions	O.D. (mm)	70.0										
	I.D. (mm)	27.0 (for PZ) / 26.1 (for F) / 25.6 (for 0, 5) / 29.5 (for 7)										
Materials	Media	Polypropylene										
	Support	Polypropylene										
	Core, Outer Cage	Polypropylene										
	End Cap	Polypropylene (for F,0,5,7) / Foamed Polyethylene (for PZ)										
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)										
Maximum Operating Temp.		80°C (176°F) / 60°C (140°F) (only PZ)										
Adaptable Food Sanitation Standard		All raw materials meet the requirement of FDA 21 CFR *1										

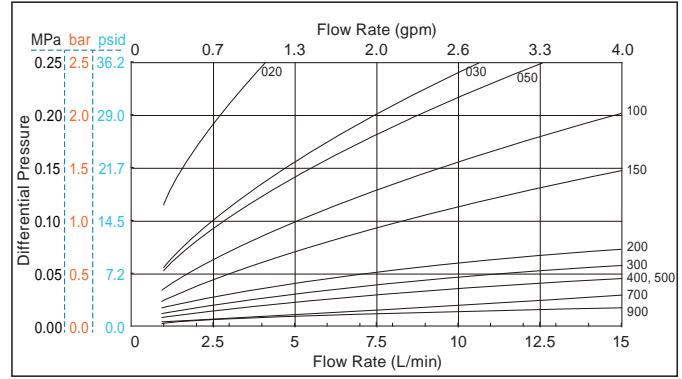
\* For further information on specifications (length, end cap type, etc.), please contact us.

\*1 Applicable Gaskets and O-ring materials exclude EPDM.

## Flow Rate



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



Fluid: CMC (400cP) 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 (%)										
	020	030	050	100	150	200	300	400	500	700	900
2.0	>99.9	>99.9									
3.0			>99.9	>98							
5.0				>99.9	>98						
10.0					>99.9						
15.0						>98					
20.0						>99.9	>98				
30.0							>99.9	>98			
40.0								>99.9	>98		
50.0									>99.9		
70.0										>98	
90.0										>99.9	>98

<Test Condition>

Equipment: Particle Counter in Liquid

Filtration : Single Pass

Fluid : Refined Water

Flow Rate : 10 liter/minute

Dust : ACFTD+Latex Beads (SHP-020~400)  
Radiolite #800 (SHP-500~900)

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

## Ordering Information

2 5 0



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

L- SLP-



[ Product Type ]

0 2 0



[ Micron Rating ]  
020 = 2.0μm 300 = 30μm  
030 = 3.0μm 400 = 40μm  
050 = 5.0μm 500 = 50μm  
100 = 10μm 700 = 70μm  
150 = 15μm 900 = 90μm  
200 = 20μm

E



[ Gasket/O-Ring ]  
P = Foamed Polyethylene  
S = Silicone  
E = EPDM  
N = NBR  
V = FKM  
T = FEP Encapsulated FKM (for 0, 5, 7)  
PTFE (for F)

F



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

B

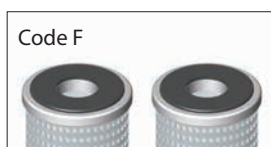


[ Packaging Code ]  
B = 6pcs  
C = 10pcs  
F = 25pcs

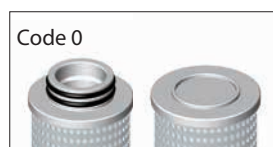
## End Cap Code



Code PZ



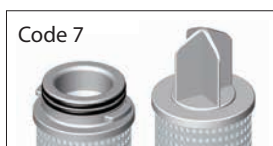
Code F



Code 0



Code 5



Code 7

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.