

## SLP Type (Polypropylene Media)

The SLP cartridges are the combination type filters equipped with the features of both depth and pleated cartridges. Constructed of the ideal graded density slope with a large surface area, the SLP cartridges provide longer service life.

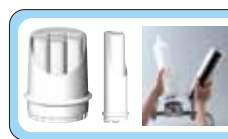
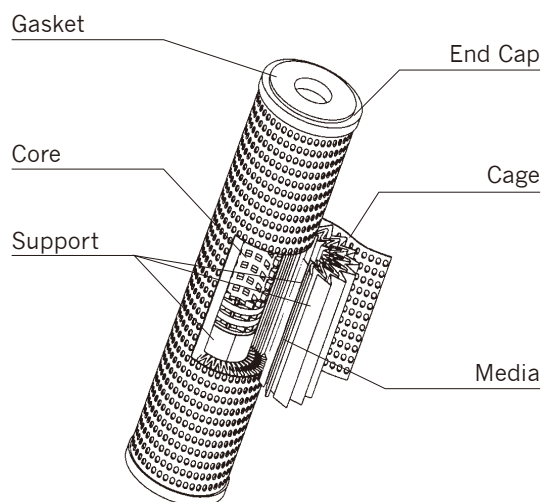
### Features

- With thick media, the SLP cartridges make it possible to remove soft contaminants such as gels effectively.
- Because of pleated construction giving a large surface area, the SLP cartridges provide excellent flow rates.
- No binders or surfactants are used in the manufacturing process, which provides low extractables and wide chemical compatibility.

### Major Applications

- Ceramics slurry, LCD color resists, Ink-Jet
- Paints, Inks
- Beer, Wine, Mineral Water
- General water for industrial use and make-up water
- Others

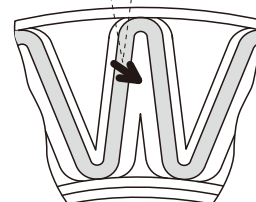
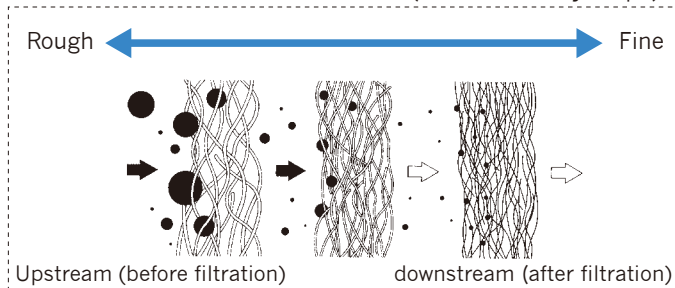
### Materials of Construction



### Ez-Change™ Capsule Filter Cartridge

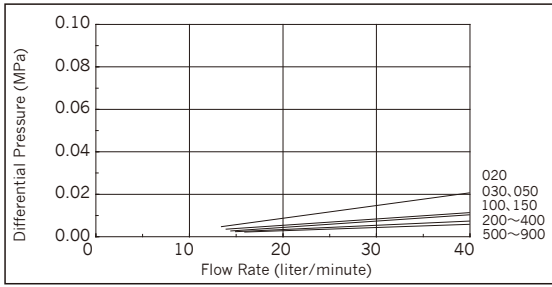
This product can be installed in the Capsulate Filter "Ez-Change". Please refer to the Ez-Change catalog in detail.

### SLOPE-PURE Filtration Mechanism (Graded Density Slope)



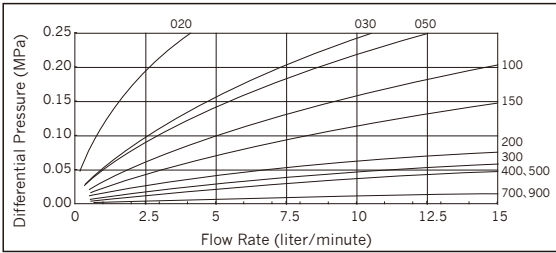
## Differential Pressure vs Flow Rate

Fluid: Water(20°C)  
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Fluid: CMC(400cP)  
Cartridge Length: 250mm



※The data do not include piping pressure drop.

## 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 (Radiolite #800 for SHP-500~900)

※The above data are based on our test condition, and are not guaranteed value.

## Ordering Information

2 5 0	L - SLP -	0 2 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		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	P = Foamed Polyethylene S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	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 = 6pcs C = 10pcs F = 25pcs

## Specification

Product Type	SLP											
Grade	020	030	050	100	150	200	300	400	500	700	900	
Micron Rating (μm)	2.0	3.0	5.0	10	15	20	30	40	50	70	90	
E.F.A. (m <sup>2</sup> /250L)	0.24	0.26	0.24	0.25	0.22	0.20	0.22	0.22	0.22	0.22	0.22	
Dimensions	Length (mm)	125 / 250 / 500 / 750										
	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	Media	Polypropylene										
	Support	Polypropylene										
	Core	Polypropylene										
	Cage	Polypropylene										
	End Cap	Polypropylene (for F, 0, 5, 7) / Foamed Polyethylene (for PZ)										
Gasket/O-Ring	Silicone / EPDM / NBR / FKM / FEP Encapsulated FKM (for 0, 5, 7) / PTFE (for F)											
Maximum ΔP (MPa) at 20°C	0.49											
Maximum Operating Temp. (°C)	80 / 60 (only PZ)											
Adaptable Food Sanitation Standard	FDA 21CFR											

The products are manufactured under control by the quality management system registered as conforming to the ISO9001 standard.



Scope: Manufacture of Filter cartridges

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

## End Cap Code



※The contents of the catalog is subject to change without notice.