

## SLW Type

The SLW cartridge are depth filters, constructed of two sections. The outer section that provides pre-filtration is constructed of non-woven polypropylene media and the inner section that provides final-filtration is constructed of thermally molded polyolefin media, resulting in longer service life. The SLW cartridges provide high cost performance for the applications where high performance of filtration and separation is demanded.


### Features

- Constructed of two sections of pre-section and final section, The SLW cartridges provide longer service life, while maintaining filtration and separation performances.
- Constructed of a rigid mold section, The SLW cartridges provide stable filtration of high viscous liquids and even under high differential pressures without the media deformation.
- No binders or silicon oils are used in the manufacturing process, which provides low extractables and wide chemical compatibility

### Major Applications

- Paints and inks
- Chemical solutions
- Electroplating bath solutions
- Beverages
- Pre-filtration of process waters
- Others



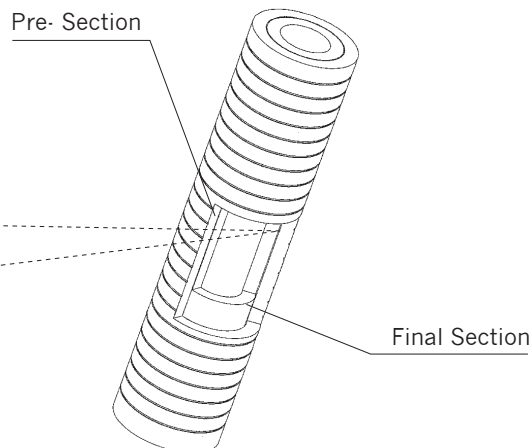
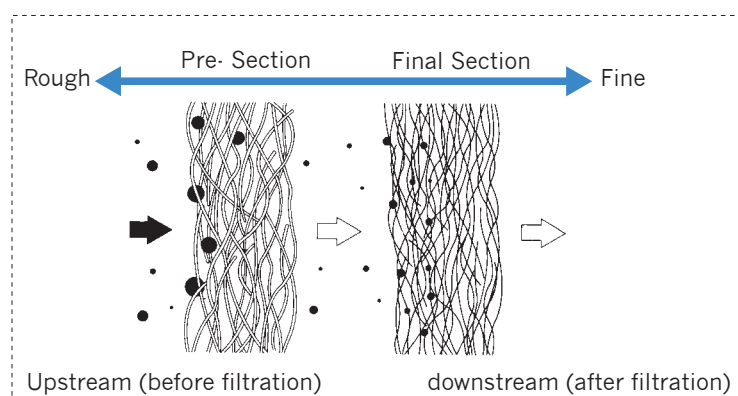


**Ez-Change™**  
Capsule Filter Cartridge

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

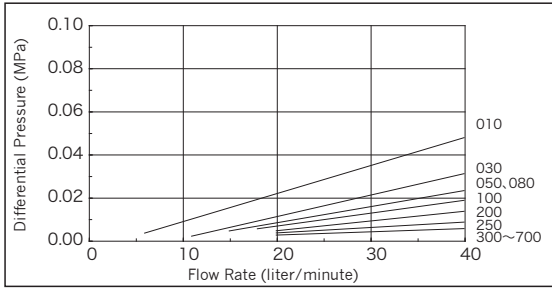
### Materials of Construction

SLOPE-PURE Filtration Mechanism (Graded Density Slope)



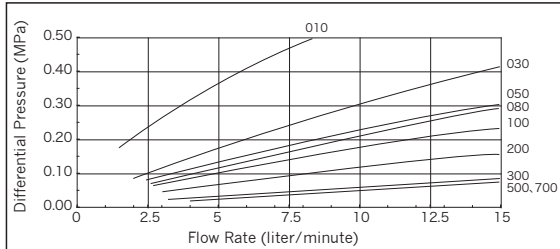
## Differential Pressure vs Flow Rate

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



※The data do not include piping pressure drop.

Fluid :Water(20°C) / CMC(400cP, 20°C)  
Cartridge Length :250mm



※The data do not include piping pressure drop.

## Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)									
	SLW-010	SLW-030	SLW-050	SLW-080	SLW-100	SLW-200	SLW-250	SLW-300	SLW-500	SLW-700
1.0	>80									
3.0	>90	>80								
5.0	>99.9	>90	>80							
8.0		>99.9	>90	>80						
10.0			>99.9	>80	>80					
20.0				>99.9	>98	>80				
25.0					>99.9	>98	>80			
30.0						>99.9	>80	>80		
50.0							>98	>90	>80	
70.0							>99.9	>99.9	>98	>80

<Test Condition>

Equipment: Hiac Royco Particle Counter  
Model 8000A/8000S

Filtration : One Pass

Fluid : Refined Water

Flow Rate : 10 liter/minute

Dust : Radiolite #800

## Ordering Information

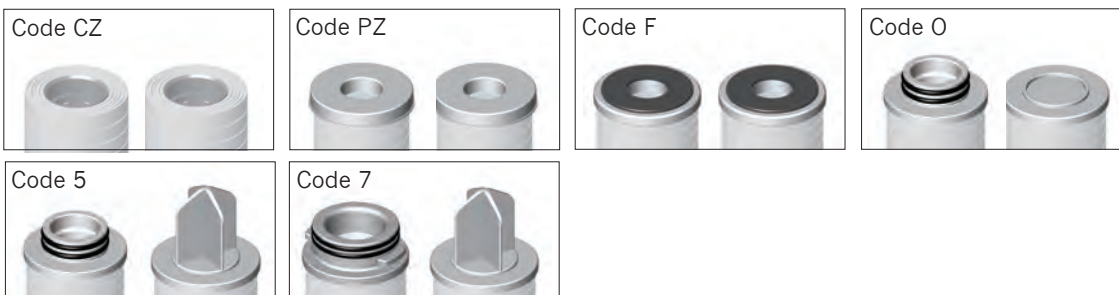
250	L-SLW-	100	C	Z	F
↓	↓	↓	↓	↓	↓
[Nominal Length] 125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm	[Product Type]	[Micron Rating] 010 = 1.0μm 200 = 20μm 030 = 3.0μm 250 = 25μm 050 = 5.0μm 300 = 30μm 080 = 8.0μm 500 = 50μm 100 = 10μm 700 = 70μm	[Gasket/O-ring] C = No Sealing P = Foamed Polyethylene S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	[End Cap Code] Z = For P and C F = Flat Gaskets O = 2-222 O-Ring 5 = 2-222 O-Ring+Fin 7 = 2-222 O-Ring+Fin	[Packaging Code] B = 6pcs C = 10pcs F = 25pcs

## Specification

Product Type		SLW									
Grade		010	030	050	080	100	200	250	300	500	700
Micron Rating (μm)		1.0	3.0	5.0	8.0	10	20	25	30	50	70
Dimen- sions	Length (mm)	125 / 250 / 500 / 750									
	O.D. (mm)	70.0 (for PZ) / 76.1 (for F, 0, 5, 7) / 68.0 (for CZ)									
	I. D. (mm)	27.0 (for PZ) / 26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for CZ, 7)									
Materials Media	Media	Polypropylene (Pre-Section), Polyolefin (Final Section)									
	Core	Polyolefin									
	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		Ministry of Health, Labour and Welfare, Notice 370									

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

## End Cap Code



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



Scope: Manufacture of Filter cartridges

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