

## SRL Type

The SRL cartridges are non-woven polypropylene wrapped depth filters with graded density slope, which provides higher flow rates and longer service life. Constructed of a widely used polypropylene, the SRL cartridges can be used for a wide range of liquids.

### Features

- The SRL cartridges constructed of non-woven polypropylene rolled up with different fiber diameters provide longer service life for the liquids with a wide particle distribution.
- With an excellent combination between removal efficiency and filtration life, the SRL cartridges make it possible to reduce running cost.
- No binders or surfactants are used in the manufacturing process, which provides low extractables and wide chemical compatibility.

### Major Applications

- Chemical solutions
- Electroplating bath solutions
- General water for industrial use and make-up water
- Others



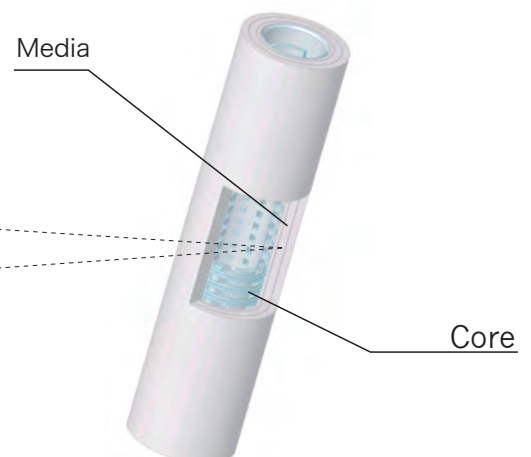
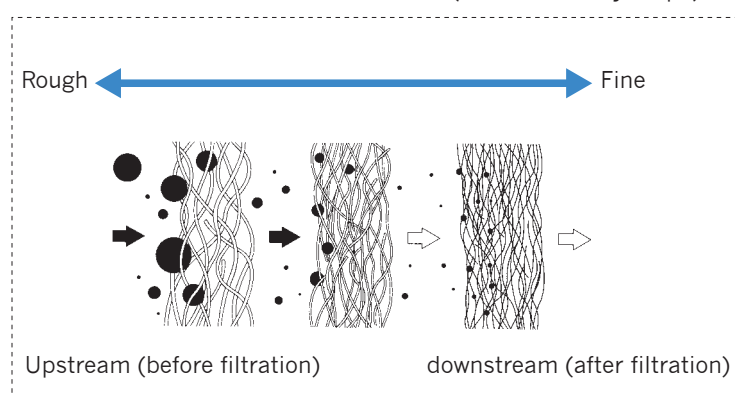
#### Ez-Change™

Capsule Filter Cartridge

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

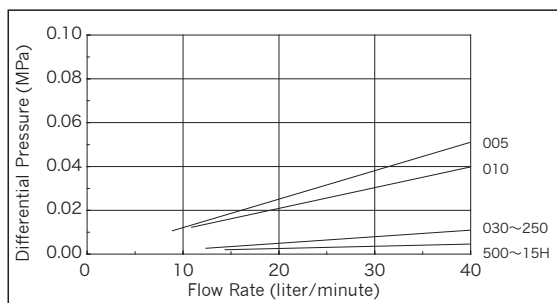
### Materials of Construction

#### 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.

## Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)									
	SRL-005	SRL-010	SRL-030	SRL-050	SRL-100	SRL-250	SRL-500	SRL-750	SRL-10H	SRL-15H
0.5	>80									
1.0	>98	>80								
3.0	>99.9	>98	>80							
5.0		>99.9	>90	>80						
10.0			>98	>90	>90					
25.0			>99.9	>98	>98	>98				
50.0				>99.9	>99.9	>99.9	>90	>80	>80	
75.0							>98	>98	>90	>80
100.0							>99.9	>99.9	>98	>90

<Test Condition>

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

Filtration : One Pass

Fluid : Refined Water

Flow Rate : 10 liter/minute

Dust : ACFTD+Latex Beads

(Radiolite #800 for the grade from and after SRL-250)

## Ordering Information

250 L-SRL-100

C

Z

F

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

[Product Type] [Micron Rating]  
005 = 0.5μm 250 = 25μm  
010 = 1.0μm 500 = 50μm  
030 = 3.0μm 750 = 75μm  
050 = 5.0μm 10H = 100μm  
100 = 10μm 15H = 150μm

[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 = 2-226 O-Ring+Fin

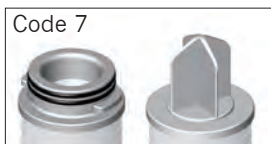
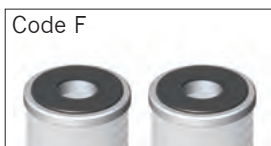
[Packaging Code]  
B = 6pcs  
C = 10pcs  
F = 25pcs

## Specification

Product Type		SRL									
Grade		005	010	030	050	100	250	500	750	10H	15H
Micron Rating (μm)		0.5	1.0	3.0	5.0	10	25	50	75	100	150
Dimen- sions	Length (mm)	125 / 250 / 500 / 750									
	O.D. (mm)	70.0 (for PZ, F,0,5,7) / 65.0 (for CZ)									
	I. D. (mm)	29.5 (for CZ, PZ) / 26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)									
Materials Media	Media	Polypropylene									
	Core	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 / 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.