



SLOPE-PURE

SRL Type

Major Applications

Chemicals

Industrial water

Circulation filtration of plating solution, developer, etc.

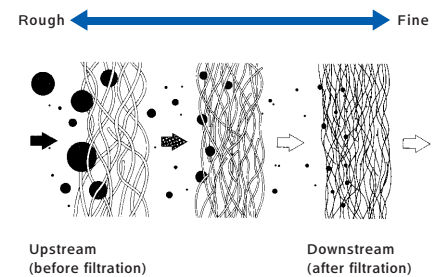
Features

- Depth filter structure with filtration grade slope
- Simplified filter media structure
- 100% Polypropylene
- No use of binder or surfactant

Advantages

- Compatible with dispersions with a wide particle size distribution
- High cost performance
- Wide range of fluid compatibility
- Low extractables risk

Structure



Specifications

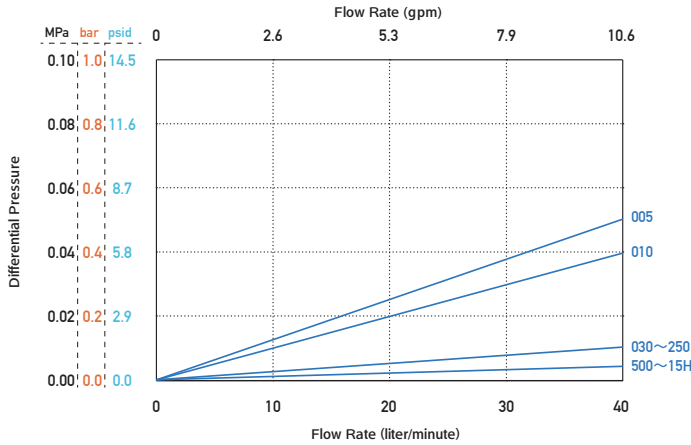
Grades	005	010	030	050	100	250	500	750	10H	15H
Micron Ratings (μm)	0.5	1.0	3.0	5.0	10	25	50	75	100	150
Media	Polypropylene									
Materials	Polypropylene									
Core	Polypropylene									
End Cap	Polypropylene (for F, 0, 5, 7)									
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)									
Maximum Operating Temp	60°C (140°F) *for End Cap Code PZ only / 80 °C (176°F)									
Length	125 / 250 / 500 / 750 mm									
Dimensions	O.D. 65.0 (for CZ) / 70.0 (for PZ, F, 0, 5, 7) mm									
	I.D. 25.6 (for 0, 5) / 26.1 (for F) / 29.5 (for CZ, PZ, 7) mm									
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1									

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

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

Differential Pressure vs Flow Rate

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



Particle Removal Efficiency

Particle Size (μm)	005	010	030	050	100	250	500	750	10H	15H
0.7	>90									
1.0	>98	>80								
3.0	>99.9	>98								
5.0		>99.9	>90	>80						
10			>98		>80					
25			>99.9	>98	>98	>90				
50				>99.9	>99.9	>99.9	>90	>80	>80	
75							>98	>90	>90	>80
90							>99.9	>99.9	>98	>90

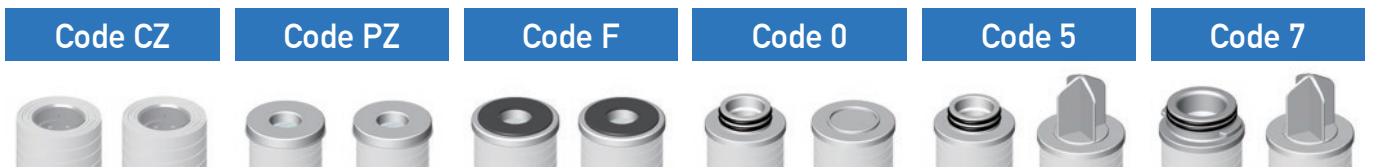
Test Conditions

Equipment : Liquid Particle Counter
Filtration : Single Pass
Fluid : Refined Water
Flow Rate : 10 liter/minute
Dust : ACFTD + LATEX Beads (SRL-005~100)
 Diatomaceous earth (SRL-250~15H)

Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
2 5 0 L	-SRL-	1 0 0	C	Z	F
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		005 = 0.5 μm 250 = 25 μm 010 = 1.0 μm 500 = 50 μm 030 = 3.0 μm 750 = 75 μm 050 = 5.0 μm 10H = 100 μm 100 = 10 μm 15H = 150 μm	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)	Z = For P and C 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.

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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.



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