



SLURRY FINE

SLF Type

Major Applications

CMP slurry

Resist with pigment

Others high-concentration dispersion

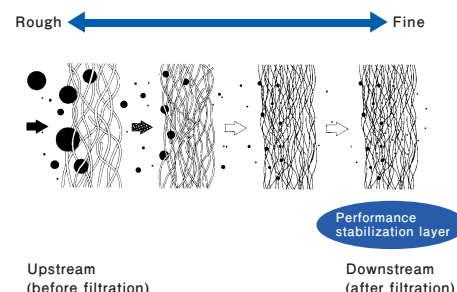
Features

- Depth structure for liquids with sharp particle size distribution
- With polypropylene microfiber (high porosity)
- A performance stabilization layer is incorporated in the innermost layer.
- 100% Polypropylene
- No use of binder or surfactant

Advantages

- Ideal for filtering high-concentration dispersions with a sharp particle size distribution
- Excellent differential pressure vs. flow rate
- Capable of stable quality filtration over time
- Wide range of fluid compatibility
- Low extractables risk

Structure



Specifications

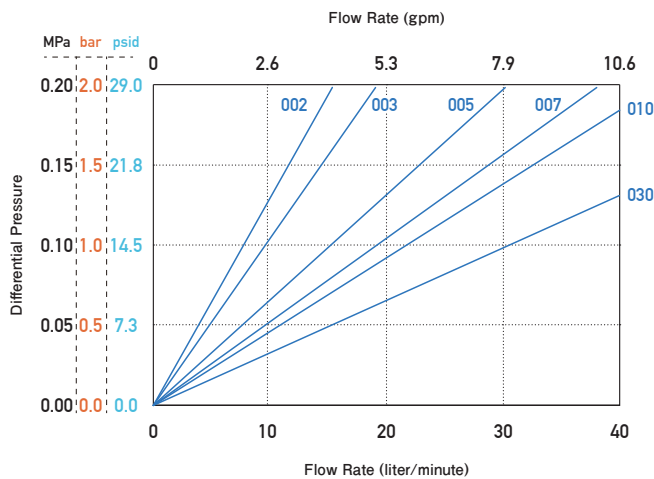
	002	003	005	007	010	030
Grades	002	003	005	007	010	030
Micron Ratings (μm)	0.2	0.3	0.5	0.7	1.0	3.0
Materials	Polypropylene					
	Polypropylene					
	Polypropylene (for F, 0, 5, 7)					
	Polypropylene (for T, F, 0, 5, 7)					
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)					
Maximum Operating Temp	60°C (140°F) *for End Cap Code PZ only / 80 °C (176°F)					
Dimensions	Length					
	125 / 250 / 500 / 750 mm					
	O.D.					
62.0 (for CZ) / 64.0 (for T) / 66.0 (for PZ) / 70.0 (for F, 0, 5, 7) mm						
I. D.						
25.5 (for PZ) / 25.6 (for T, 0, 5) / 26.1 (for F) / 29.5 (for CZ, 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)	Particle Removal Efficiency (%)					
	002	003	005	007	010	030
0.2	>98					
0.3		>99.9				
0.5			>99.9			
0.7				>99.9		
1.0					>99.9	
3.0						>99.9

Test Conditions

Equipment : Particle Counter in Liquid
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ALUMINA (SLF-002~005)
 ACFTD+LATEX Beads (SLF-007~030)

Ordering Information

Nominal Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
250 L	-SLF-	003	P	Z	C
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		002 = 0.2 μm 003 = 0.3 μm 005 = 0.5 μm 007 = 0.7 μm 010 = 1.0 μm 030 = 3.0 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 T = 1-222 O-Ring 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

Code CZ



Code PZ



Code T



Code F



Code 0



Code 5



Code 7



*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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