


**SLURRY FINE**

# SLF Type

**Major Applications**

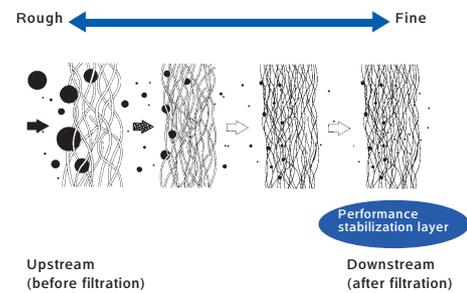
- CMP slurry
- Resist with pigment
- Others high-concentration dispersion

**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**

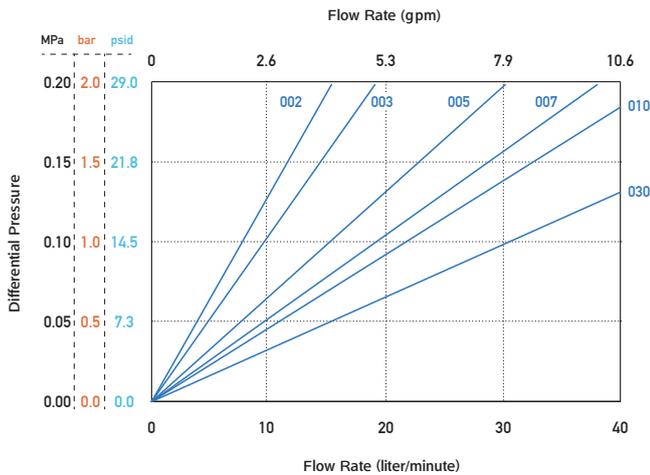
		002	003	005	007	010	030
Grades		002	003	005	007	010	030
Micron Ratings (μm)		0.2	0.3	0.5	0.7	1.0	3.0
Materials	Media	Polypropylene					
	Core	Polypropylene					
	Cage	Polypropylene (for F, 0, 5, 7)					
	End Cap	Polypropylene (for T, F, 0, 5, 7)					
Maximum ΔP		0.49MPa at 20°C (71psi at 68°F)					
Maximum 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

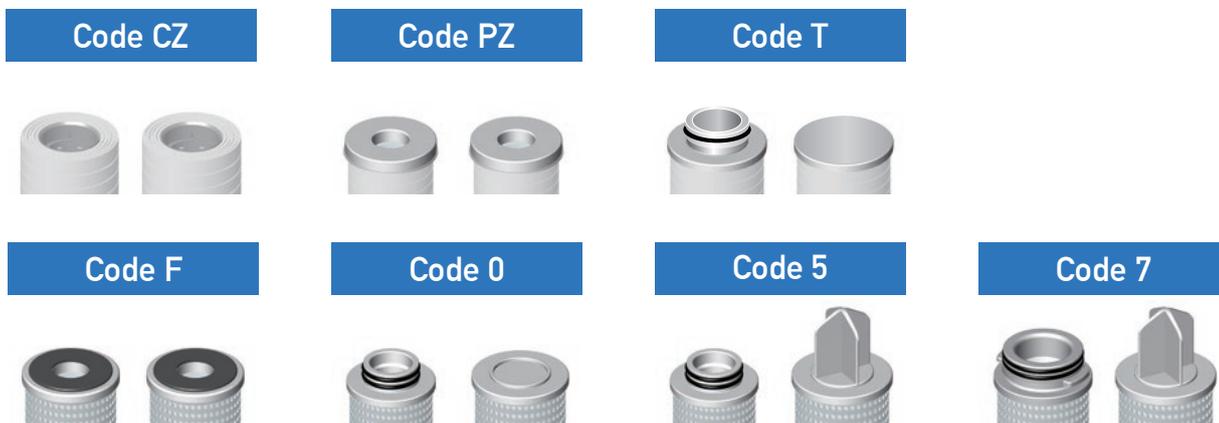
### Test Conditions

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

## Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<b>2 5 0 L</b>	<b>-SLF-</b>	<b>0 0 3</b>	<b>P</b>	<b>Z</b>	<b>C</b>
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



\*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.

**ROKITECHNO MIRAI CO., LTD.**

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan

TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

www.rokitechno.com

For our technical information, please click here. ▼



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.



JQA-QMA16323

MS CM009

17th Issue  
SLF200719E