ROKI TECHNO

Depth(Roll)

SLURRY FINE

SLF Type

Major Applications

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

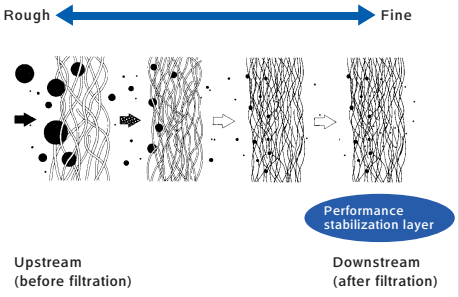
Features

- 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

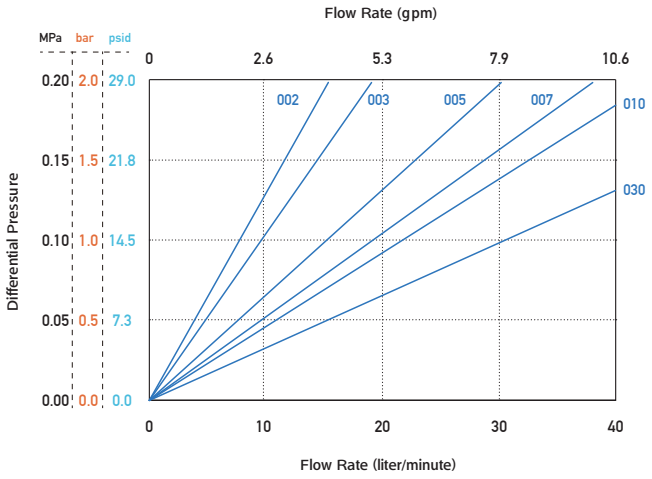
Grades		002	003	005	007	010	030
Micron Ratings (μm)		0.2	0.3	0.5	0.7	1.0	3.0
Materials	Media	Polypropylene					
	Core	Polypropylene					
	Cage	Polypropylene (for F, 0, 5, 7)					
	End Cap	Polypropylene (for T, F, 0, 5, 7)					
Maximum ΔP		0.49MPa at 20℃ (71psi at 68°F)					
Maximum Operating Temp		60℃ (140°F) *for End Cap Code PZ only ／ 80 ℃ (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 specifcations (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℃ (68℉) / Cartridge Length: 250mm



Particle Removal Efficiency

Particle Size (μm) \ Grades	002	003	005	007	010	030
	Particle Removal Efficiency (%)					
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
250L	-SLF-	003	P	Z	C

Length
125 = 125 mm
250 = 250 mm
500 = 500 mm
750 = 750 mm

Micron Rating
002 = 0.2 μm
003 = 0.3 μm
005 = 0.5 μm
007 = 0.7 μm
010 = 1.0 μm
030 = 3.0 μm

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
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

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

End Cap Code

Code CZ

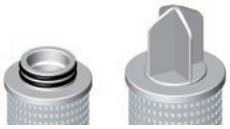
Code PZ

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.

ISO 9001 JQA-QMA16323
JAB MS CM009

15th Issue
SLF200719E