

SLP Q Flow Type

For high flow filtration applications
(Polypropylene Media)

The SLP Q Flow cartridges are designed for high flow filtration and are equipped with the features of both depth and pleated cartridges. The SLP Q Flow cartridges provide effective removal of soft contaminants such as gels, since the filtering speed is controlled low.

Features

- The SLP Q Flow cartridges make it possible to suit for high flow filtration in a fewer cartridges, since they provide a large effective surface area.
- The SLP Q Flow cartridges make it possible to realize initial cost reduction and space-saving, since a fewer number of cartridges and downsizing of housings are available when compared with standard size of cartridges.
- No binders or surfactants are used in the manufacturing process, which provides low extractables and wide chemical compatibility.

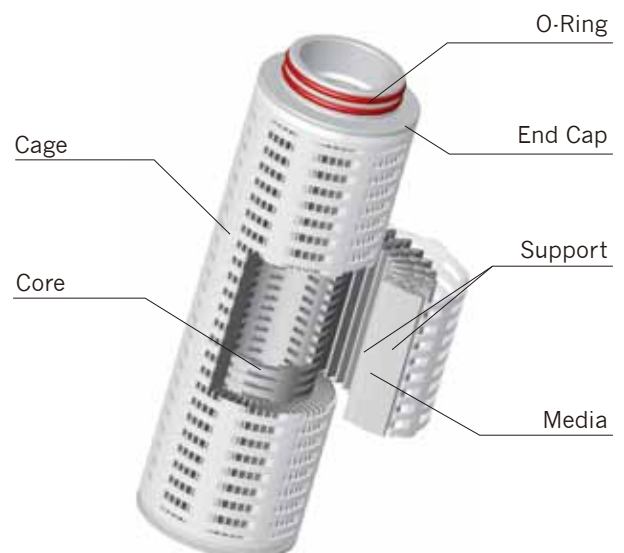


Major Applications

- Ceramics slurry, LCD color resists, Ink-Jet
- Paints, Inks
- Beer, Wine, Mineral Water
- General water for industrial use and make-up water

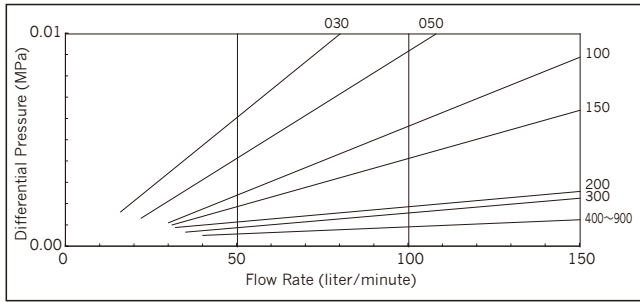
* Depending on actual operating conditions, the suitable flow rate varies. Please consult our sales representatives for filter selection.

Materials of Construction



Differential Pressure vs Flow Rate

Fluid: Refined water (20°C)
Cartridge Length: 250mm



※The data do not include piping pressure drop.

Particle Removal Efficiency

Particle Size (μm)	Particle Removal Efficiency (%)									
	030	050	100	150	200	300	400	500	700	900
2.0	>99.9	>95								
3.0		>99.9	>98							
5.0			>99.9	>98						
10.0				>99.9	>98					
15.0					>98	>95				
20.0					>99.9	>98				
30.0						>99.9	>99.9	>98		
40.0								>99.9		
50.0									>95	
70.0									>98	
90.0									>99.9	>98
100.0										>99.9

<Test Condition>

Equipment: Particle Counter in Liquid

Filtration : Single Pass

Fluid : Refined Water

Flow Rate : 10 liter/minute

Dust : ACFTD+Latex Beads

(Radiolite #800 for the grade from and after SLP-500)

*The above data are based on our test condition, and are not guaranteed value.

Ordering Information

2 5 0	L-SLP-	0 3 0	E	W	B
↓	↓	↓	↓	↓	↓
[Nominal Length]	[Product Type]	[Micron Rating]	[Gasket/O-Ring]	[End Cap Code]	[Packaging Code]
250 = 250mm 500 = 500mm 750 = 750mm 1000 = 1000mm		030 = 3.0μm 300 = 30μm 050 = 5.0μm 400 = 40μm 100 = 10μm 500 = 50μm 150 = 15μm 700 = 70μm 200 = 20μm 900 = 90μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for W,1) A = Foamed PTFE (for E)	E = Flat Gaskets W = 2-227 O-Ring 1 = 2-222 O-Ring	A = 1pc B = 6pcs C = 10pcs

Specification

Product Type		SLP Q Flow Type									
Grade		030	050	100	150	200	300	400	500	700	900
Micron Rating (μm)		3.0	5.0	10	15	20	30	40	50	70	90
E.F.A. (m ² /250L)		0.35	0.32	0.34	0.29	0.28	0.29	0.29	0.29	0.29	0.29
Dimen- sions	Length (mm)	250 / 500 / 750 / 1000									
	O.D. (mm)	83.0									
	I. D. (mm)	49.0 (for E, W) / 33.5 (for 1)									
Materials Media	Media	Polypropylene									
	Support	Polypropylene									
	Core	Polypropylene									
	Cage	Polypropylene									
	End Cap	Polypropylene									
Gasket/O-Ring		NBR / EPDM / Silicone / FKM/FEP Encapsulated FKM (for W, 1) / Foamed PTFE (for E)									
Maximum ΔP (MPa)at 20°C		0.35									
Maximum Operating Temp. (°C)		80									

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

※Q Flow exclusive housings are available. Depending on applications and filtration volume, we are pleased to offer the most suitable product, please contact us for further information.

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.