



SLOPE-PURE

# SLT Type

## Major Applications

Clarification of food and beverages

 Beer, Wine, Distilled spirits,  
 Japanese sake, Tea-based beverages,  
 Coffee, Vinegar, Soy sauce, Syrup,  
 Flavor and Fragrance, Oils and fats

### Features

- Depth filter structure with filtration grade slope
- Flow layer that suppresses clogging of the specific layer due to food and beverage ingredients
- High-grade products use micro glass fiber as the main filter media

### Advantages

- Low pressure drop and excellent flow rate
- Long service life
- Effectively removes components and oils that cause starch

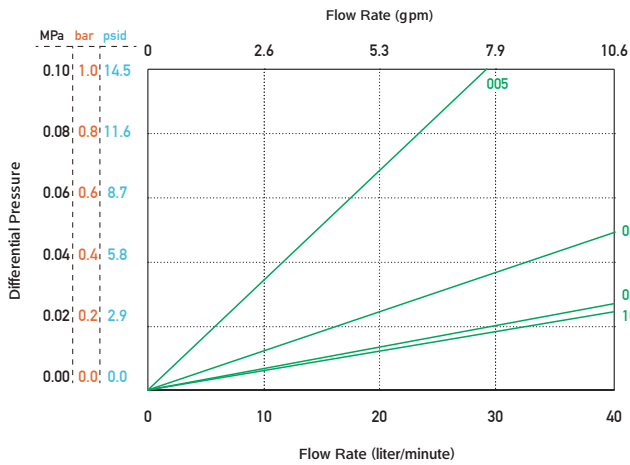
## Specifications

Grades	005	010	050	100
Micron Ratings ( $\mu\text{m}$ )	0.5	1.0	5.0	10
Media	Polypropylene, Resin bonded Glass Fiber		Polypropylene	
Materials	Core Polypropylene			
	End Cap Polypropylene			
Maximum $\Delta P$	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			
Dimen- sions	O.D. 70.0mm			
	I. D. 25.5 (for PZ) / 26.1 (for F) / 26.9 (for 3. 4) / 29.5 (for 7) mm			

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

## Differential Pressure vs Flow Rate

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



## Particle Removal Efficiency

Particle Size (μm)	Particle Removal Efficiency (%)			
	005	010	050	100
0.5	> 99.9			
1.0		> 99.5		
1.5		> 99.9		
5.0			> 99.9	
10				> 99.9

### Test Conditions

Equipment : Liquid Particle Counter  
 Filtration : Single Pass  
 Fluid : Refined Water  
 Flow Rate : 10 liter/minute  
 Dust : ACFTD + LATEX Beads

## Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<b>2 5 0 L</b>	<b>-SLT-</b>	<b>0 1 0</b>	<b>S</b>	<b>7</b>	<b>C</b>
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		005 = 0.5 μm 010 = 1.0 μm 050 = 5.0 μm 100 = 10 μm	S = Silicone P = Foamed polyethylene	Z = For P F = Flat Gaskets 3 = 2-222 O-Ring + Fin 4 = 2-222 O-Ring 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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