

STP Type

(100% Polypropylene)

Major Applications

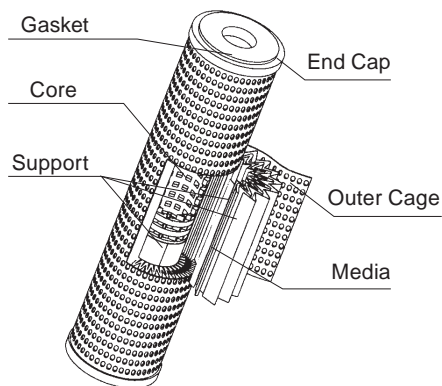
- Color resist, etc.
- Various slurry
- Others



Features & Benefits

- **Optimized for color resists and various slurries**
 - By optimizing the laminated structure of PP non-woven fabrics with different fiber diameters, it achieves lower differential pressure than conventional depth filters.
 - The target is to remove coarse pigment particles and aggregates (gel-like foreign substances).
- **Excellent chemical resistance**
- **Low extractables**
 - Since no binders or surfactants are used in the filter, the extractables are extremely low.

Materials of Construction



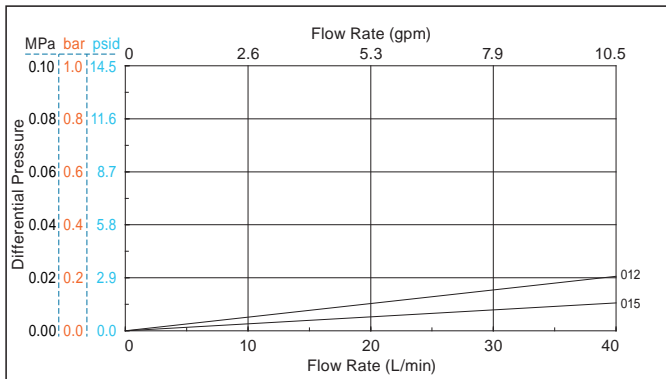
Specification

Product Type		STP	
Micron Rating (µm)		1.2	1.5
E.F.A. (m ² / 250mm)		0.23	0.25
Dimensions	O.D. (mm)	70.0	
	I.D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 29.5 (for 7)	
Materials	Media	Polypropylene	
	Support	Polypropylene	
	Core, Outer Cage	Polypropylene	
	End Cap	Polypropylene	
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)	
Maximum Operating Temp.		80°C (176°F)	
Adaptable Food Sanitation Standard		All raw materials meet the requirement of FDA 21 CFR *1	

* For further information on specifications (length, end cap type, etc.), please contact us.

*1 Applicable Gaskets and O-ring materials exclude EPDM.

Flow Rate



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

* The data does not include piping pressure drop.

Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)	
	012	015
1.2	>99.9	>98.0
1.5		>99.9

<Test Condition>

Equipment: Particle Counter in Liquid

Filtration : Single Pass

Fluid : Refined Water

Flow Rate : 10 liter/minute

Dust : ACFTD+LATEX Beads

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

Ordering Information

2 5 0 L - S T P - 0 1 5



[Nominal Length]

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



[Product Type]



[Micron Rating]

012=1.2μm
015=1.5μm

V



[Gasket/O-Ring]

S = Silicone
E = EPDM
N = NBR
V = FKM
T = FEP Encapsulated
FKM (for 0, 5, 7)
PTFE (for F)

7



[End Cap Code]

F = Flat Gaskets
0 = 2-222 O-Ring
5 = 2-222 O-Ring + Fin
7 = 2-226 O-Ring + Fin

F



[Packaging Code]

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

End Cap Code



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.

*The contents of the catalog are subject to change without notice.