

SLOPE-PURE

STP Type

Major Applications

Color resist, Ink

Others high-concentration dispersion, paste

Features

- Polypropylene microfibers with high porosity
- Depth pleated structure with wide filtration grade slope
- 100% Polypropylene
- No use of binder or surfactant

Advantages

- High filtration efficiency and low differential pressure
- High flow rate filtration is possible for liquids with a wide particle size distribution.
- Wide range of fluid compatibility
- Low extractables risk

Specifications

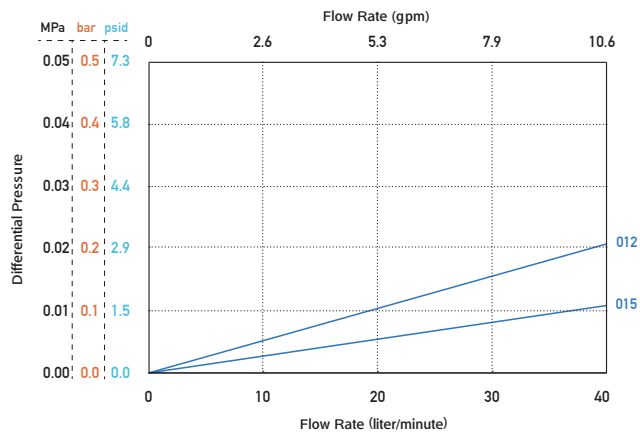
Grades	012	015
Micron Ratings (μ m)	1.2	1.5
E.F.A. (m ² /250mm)	0.23	0.25
Media	Polypropylene	
Core/Cage	Polypropylene	
Support	Polypropylene	
End Cap	Polypropylene	
Maximum Δ P	0.49MPa at 20°C (71psi at 68°F)	
Maximum Operating Temp	80 °C (176°F)	
Length	125 / 250 / 500 / 750 mm	
Dimensions	O.D.	
	70.0mm	
Adaptable Food Sanitation Standard	I. D.	
	25.6 (for 0.5) / 26.1 (for F) / 29.5 (for 7) mm	
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 (%)	
	012	015
1.2	> 99.9	> 98
1.5		> 99.9

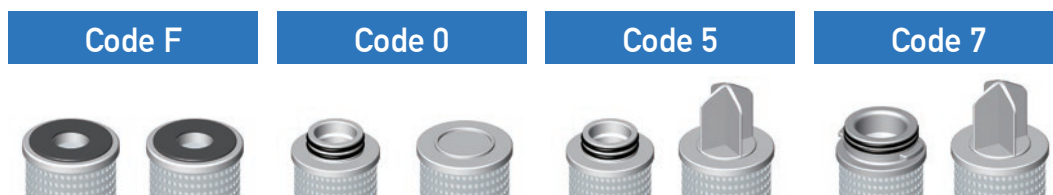
Test Conditions

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
2 5 0 L	-STP-	0 1 5	V	7	F
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		012 = 1.2 μm 015 = 1.5 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	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.

ROKI GROUP International Pte. Ltd.

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan
 TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

www.rokiglobal.com

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

CM009

7th Issue
 STP210307E