

SLOPE-PURE

SHD Type

Major Applications

Various high-concentration dispersions

Various high viscosity liquids, paste

Resin dissolving liquid

Adhesive

Features

- The main filter media is micro glass fiber filter media.
- Depth pleated structure with wide filtration grade slope
- High rigid support media

Advantages

- High filtration efficiency and low differential pressure
- Excellent removal performance of submicron particles and gel materials
- High flow rate filtration is possible for liquids with a wide particle size distribution.
- Excellent differential pressure vs. flow rate for high viscosity liquids

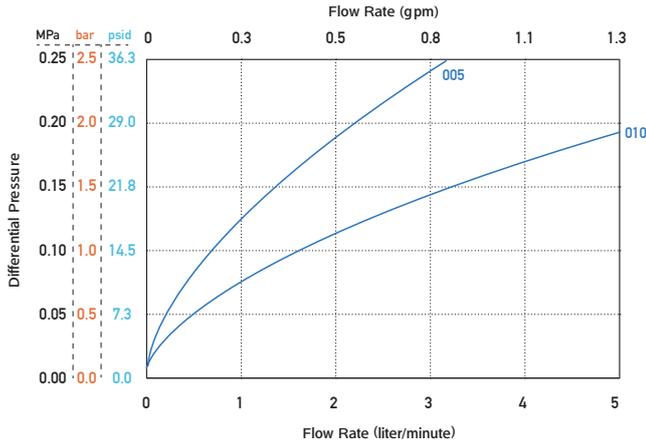
Specifications

Grades	005	010
Micron Ratings (μm)	0.5	1.0
E.F.A.	0.22m ² /250m m	
Media	Resin Bonded Glass Fiber, Polypropylene	
Core/Cage	Polypropylene	
Support	Polypropylene, Polyethylene	
End Cap	Polypropylene	
Maximum ΔP	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	
O.D.	70.0mm	
I.D.	25.5 (for PZ) / 25.6 (for 0, 5) / 26.1 (for F) / 29.5 (for 7) mm	

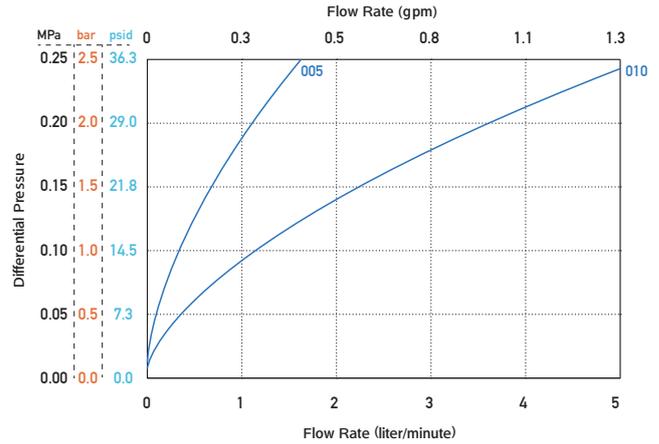
*If you need further information on specifications (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

Fluid: CMC (400mPa·s) / Cartridge Length: 250mm



Fluid: CMC (1Pa·s) / Cartridge Length: 250mm



Particle Removal Efficiency

Particle Size (μm)	Particle Removal Efficiency (%)	
	005	010
0.5	>98	
1.0		>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	-SHD-	0 1 0	E	F	B
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		005 = 0.5 μm 010 = 1.0 μm	P = Foamed Polyethylene S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	Z = For P 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.

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For our technical information, please click here. ▼



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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MS CMO09

8th Issue
SHD210305E