



MICRO-PURE

MPN Type

Major Applications

Coating agent for film

Resin dissolving liquid

Organic solvents

Features

- Composed of nylon media and polypropylene parts
- Pleated type with wide filtration area
- No use of binder or surfactant

Advantages

- Can be used with a wide range of organic solvents
- Excellent differential pressure vs. flow rate
- Low extractables risk

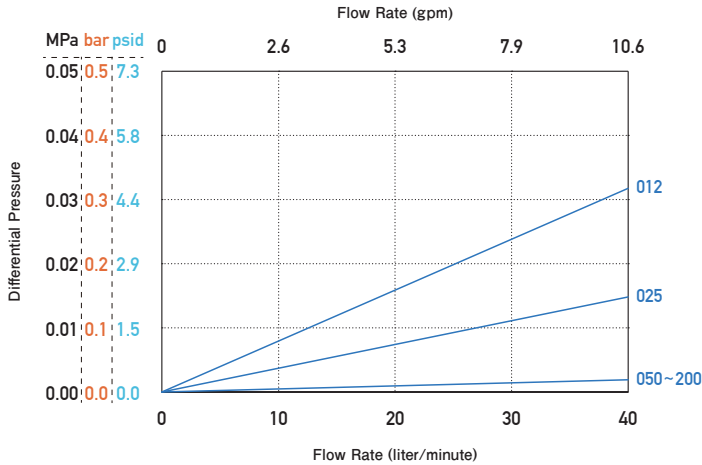
Specifications

	012	025	050	100	200
Grades	012	025	050	100	200
Micron Ratings (µm)	1.2	2.5	5.0	10	20
E.F.A. (m ² /250mm)	0.48	0.55	0.52	0.53	0.70
Media	Nylon				
Materials Core/Cage/Support	Polypropylene				
End Cap	Polypropylene				
Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)				
Maximum Operating Temp	80 °C (176°F)				
Length	125 / 250 / 500 / 750 mm				
O.D.	70.0mm				
I. D.	25.6 (for 0.5) / 26.1 (for F) / 30.0 (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 (%)				
	012	025	050	100	200
1.2	>98	>95			
2.5	>98	>98	>95		
5.0	>99.9	>99.9	>99.9	>98	>95
10.0				>99.9	>98
20.0					>99.9

Test Conditions

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

Ordering Information

Nominal Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
7 5 0 L	-MPN-	1 0 0	V	7	F
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		012 = 1.2μm 025 = 2.5μm 050 = 5.0μm 100 = 10 μm 200 = 20 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.