


MICRO-PURE
MNN Type
Major Applications

Coating agent for film

Resin dissolving liquid

Organic solvents

Features

- 100% Nylon
- Pleated type with wide filtration area
- No use of binder or surfactant

Advantages

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

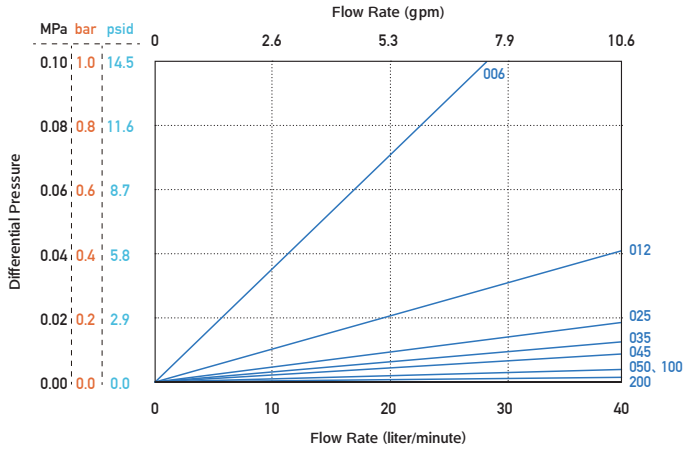
Specifications

		006	012	025	035	045	050	100	200
Grades		006	012	025	035	045	050	100	200
Micron Ratings (μm)		0.6	1.2	2.5	3.5	4.5	5.0	10	20
E.F.A. ($\text{m}^2/250\text{mm}$)		0.35	0.45	0.55	0.42	0.52	0.52	0.50	0.69
Materials	Media	Nylon							
	Core/Cage/Support	Nylon							
	End Cap	Nylon							
Maximum ΔP		0.49MPa at 20°C (71psi at 68°F)							
Maximum Operating Temp		120°C (248°F)							
Dimensions	Length	125 / 250 / 500 / 750 mm							
	O.D.	70.0mm							
	I.D.	26.0mm							

*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

Grades	Particle Removal Efficiency (%)							
Particle Size (μm)	006	012	025	035	045	050	100	200
0.6	>98							
1.2	>99.9	>98	>95					
2.5		>98	>98	>98	>98	>95		
3.5		>99.9	>98	>98	>98	>98	>95	
4.5			>99.9	>99.9	>99.9	>98	>98	
5.0						>99.9	>98	>95
10.0							>99.9	>98
20.0								>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	-MNN-	1 0 0	E	7	F
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		006 = 0.6 μm 045 = 4.5 μm 012 = 1.2 μm 050 = 5.0 μm 025 = 2.5 μm 100 = 10 μm 035 = 3.5 μm 200 = 20 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) A = Foamed 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.

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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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MS CM009

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