

MNN Type

(100% Nylon)

Major Applications

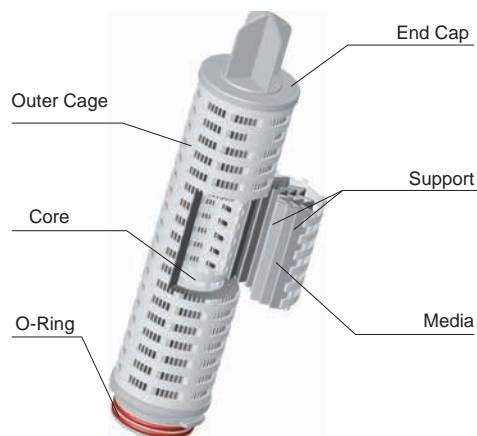
- Volatile oils
- Organic solvents such as toluene, xylene and THF
- Chlorinated solvents
- Lubricating oils at a high temperature
- Others



Features & Benefits

- **High removal efficiency with low differential pressure and high flow rate**
 - Pleated fine nylon filter media achieve both high porosity and wide filtration area.
- **Excellent solvent resistance**
 - Capable of filtering Aromatic and hydrocarbon solvents.
- **High temperature (120°C/248°F) durability**
 - Stable filtration is achieved for high temperature various liquids like organic solvents and oils.

Materials of Construction



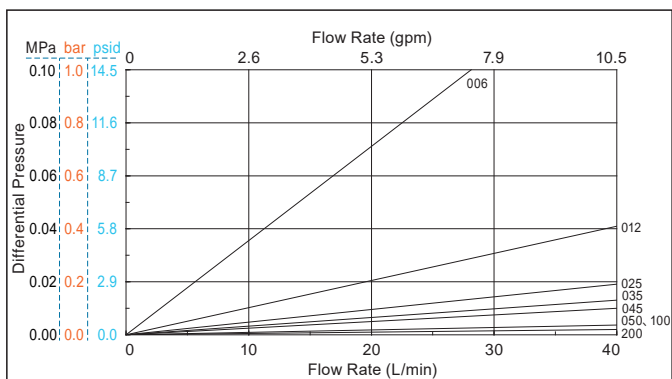
Specification

Product Type		MNN							
Micron Rating (µm)		0.6	1.2	2.5	3.5	4.5	5.0	10	20
E.F.A. (m ² / 250mm)		0.35	0.45	0.55	0.42	0.52	0.52	0.50	0.69
Dimensions	O.D. (mm)	70.0							
	I. D. (mm)	26.0 (for F, 0, 5, 7)							
Materials	Media	Nylon							
	Support	Nylon							
	Core, Outer Cage, End Cap	Nylon							
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)							
Maximum Operating Temp.		120°C (248°F)							

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

* With regard to ΔP (MPa) at around 120°C, please consult us.

Flow Rate



Fluid: Refined Water (20°C (68°F)) Cartridge Length: 250mm
 * The data does not include piping pressure drop.

Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)							
	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						>98	>98	>95
10.0						>99.9	>99.9	>98
20.0								>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 - M N N - 1 0 0

[Nominal Length]
 125 = 125mm
 250 = 250mm
 500 = 500mm
 750 = 750mm

[Product Type]

[Micron Rating]
 006 = 0.6μm 045 = 4.5μm
 012 = 1.2μm 050 = 5.0μm
 025 = 2.5μm 100 = 10μm
 035 = 3.5μm 200 = 20μm

V
 [Gasket/O-Ring]
 S = Silicone
 E = EPDM
 N = NBR
 V = FKM
 A = 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.