

MICRO-PURE Filter Cartridges NET/NEN Type

MICRO-PURE Filter Cartridges are pleated filters made of net polyethylene/polyamide media. Because of the use of the net media, effective flow channels can be obtained for high-viscosity fluids and fluids with high solid content, and stable filtration can be done with low-pressure drop.

It is easy to dispose of used filters as compared with stainless mesh filters.

Features

- Since the main net media is reinforced by the strong support net, the media is never transformed under high differential pressure. It is possible therefore to secure effective flow channels for high-viscosity fluids and fluids with high solid content and to filter them with low pressure drop in the stable state.
- The net media has uniform pore size as compared with non-woven media. The net media therefore can remove target particles very efficiently, and simultaneously can let particles smaller than the target particles flow to the downstream. Hence, the net media is suitable for classification.
- Because of the use of the net media, there is no concern about fiber migration as compared with filters using non-woven media.
- Free from adhesive, surfactant and silicone, the filter provides reliable filtration of paints without craters occurring on the surface of final products.
- Also for filtration of coarse particle range in excess of 100 μm which could be filtered only with stainless mesh filters before, the classification of target particles is feasible.
- Filtration grades can be chosen from a wide lineup of products according to the purpose of filtration.

Major Application

- High-viscosity fluids
- Paints
- Slurries
- Binders
- Others

Ordering Information

250	L-NET-	100	M	E	F	B
↓	↓	↓	↓	↓	↓	↓
<u>Nominal Length</u>	<u>Product Type</u>	<u>Micron Rating</u>	<u>Gasket / O-Ring</u>	<u>End Cap Code</u>	<u>Packaging Code</u>	
125 = 125mm	NET	380M	S = Silicone	F = D.O.E.	B = 6pcs	
250 = 250mm	NEN	305M	E = EPDM	0 = 2-222 O-Ring	C = 10pcs	
500 = 500mm		200M	N = NBR	5 = 2-222 O-Ring+Fin	F = 25pcs	
750 = 750mm		150M	V = FKM	7 = 2-226 O-Ring+Fin		
		100M	T = FEP Encapsulated			
		60M	FKM (for 0, 5, 7)			
		40M	PTFE (for F)			

Specifications

Micron Rating \ Type		NET	NEN
30M		×	○ (600 μm)
40M		○ (526 μm)	○ (450 μm)
60M		○ (351 μm)	○ (280 μm)
100M		○ (224 μm)	×
150M		○ (143 μm)	○ (108 μm)
200M		○ (112 μm)	○ (77 μm)
305M		×	○ (48 μm)
380M		×	○ (32 μm)
508M			○ (20 μm)
Material	Media	Polyethylene	Polyamide
	Support	Polyethylene	
	Core	Polypropylene	
	End Cap	Polypropylene	
	Gasket/O-Ring	NBR/EPDM/Silicone/FKM FEP Encapsulated FKM (for 0,5,7)/PTFE (for F)	
E.F.A. (m ² /250L)		0.3 / 0.23(NEN 30M, 40M, 60M)	
Dimensions	Length (mm)	125/250/500/750	
	O.D. (mm)	70	
	I.D. (mm)	26.1(for F)/25.6(for 0,5)/30.0(for 7)	
ΔP (MPa) at 20°C		0.49	
Operating Temp. (°C)		60	



All the filter cartridges are set in the polypropylene capsules

These products are manufactured under control by the quality management system registered as conforming to the ISO9001 Standard.



ISO9001 : 2000 QMS Accreditation
REG. No. JSAQ1436 R001
Scope: Manufacture of Filter Cartridges

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

※Grades other than the above are available. Please consult us.

Distributor

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