

Pure HiTemp* Depth Filter

FACT SHEET

Meltblown Nylon for extremely high temperature and high viscosity applications



Features and Benefits

- 100% nylon media with nylon core for greater strength and temperature resistance
- No resin binders, lubricants, antistatic or release agents and melt bonded exterior ensure no media migration
- Large chemicals compatibility

Applications

- High temperature and high viscosity solutions
- Paints, coatings, printing inks
- Fuels and lubricating oils
- Solvents
- Hot, non-aqueous fluids

Efficiency Information

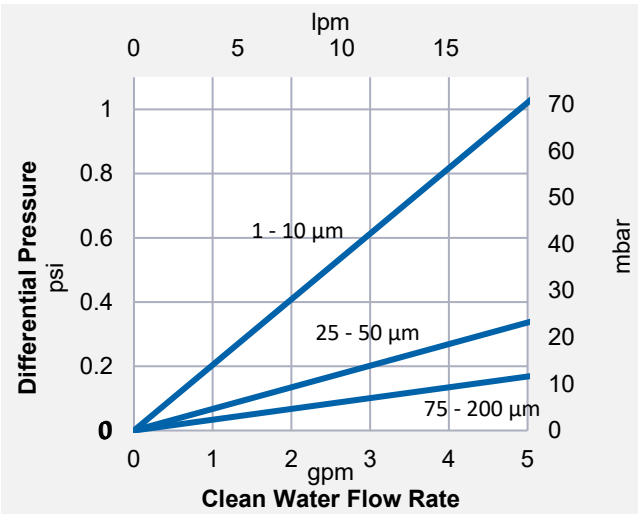
Table 1: Removal efficiency based on a modified ASTM 795 procedure

Micron Rating	Removal Rating (µm) at various efficiencies		
	90.0%	99.0%	99.9%
1 µm – 200 µm	Efficiency of nominal filters varies by application. See note for information on nominal filter efficiency ²		

Specifications

Table 2: Specifications and performance information

Ratings	1, 5, 10, 25, 50, 75, 100, 125, 150, 200 microns (nominal)
Inner Diameter	1.1 in (2.8 cm)
Outer Diameter	2.5 in (6.4 cm)
Lengths	9 ¼ in (24.5 cm) 10 in (25.4 cm) 19 ½ in (49.5 cm) 20 in (50.8 cm) 29 ¼ in (74.3 cm) 30 in (76.2 cm) 39 in (99.1 cm) 40 in (101.6 cm)
Materials of Construction	
Filter Media	Meltblown Nylon
Adapters	Nylon
Elastomer	Buna, Silicone, Viton ¹
Performance Conditions	
Maximum pressure drop: Nylon Core: 60 psid (4.0 bar) @ 122°F (50°C) 15 psid (1.0 bar) @ 176°F (80°C) 7.5 psid (0.5 bar) @ 302°F (150°C) Recommended change-out pressure drop: 25 psid (1.4 bar) @ 77°F (25°C)	



Graph 1: HTN clean water flow rate based on a 10 in length filter

Quality

Pure HiTemp filters are manufactured under a quality management system that has been certified to meet ISO 9001 standards. Each filter is assigned a lot code to ensure traceability of the data and materials used in the manufacturing process.

Table 3: Ordering information

Type	1 Micron Rating (nominal)	2 Cartridge Length	3 End #1 Adapter	4 End #2 Adapter	5 Elastomer Material
HTN = Nylon core	01 = 1 µm 05 = 5 µm 10 = 10 µm 25 = 25 µm 50 = 50 µm 75 = 75 µm 100 = 100 µm 125 = 125 µm 150 = 150 µm 200 = 200 µm	9 ¾ in (24.5 cm) 10 in (25.4 cm) 19½ in (49.5 cm) 20 in (50.8 cm) 29¼ in (74.3 cm) 30 in (76.2 cm) 39 in (99.1 cm) 40 in (101.6 cm)	 A = Open end w/gasket  E = 222 O-Ring  F = 226 O-Ring  X = Standard Plain End (no gasket)	 A = Open end w/gasket  H = Fin  S = Solid End  X = Standard Plain End (no gasket)	B = Buna S = Silicone V = Viton ¹

¹Viton (registered mark of The Chemours Company)

²Absolute-rated filters have been designed and tested to reject at least 99% of particles of the listed micron size. Nominal-rated filters have a wider distribution of pore sizes and therefore a wider distribution of rejected particle sizes. The nominal rating is primarily used to compare efficiencies across a filter family. Efficiency is dependent on particle shape, size, composition, application, and testing protocol.



Veolia Water Technologies
Please contact us via:
www.veoliawatertechnologies.com

Certifications

ISO 9001 criteria.
Veolia filter cartridges are designed and manufactured for resistance to a wide range of chemical solutions. Conditions will vary with each application and users should carefully verify chemical compatibility. Please contact your Veolia representative for more information.

Ordering Information

Replace the numbers with your desired values from each column. Columns 3, 4, and 5 are optional depending on the desired configuration.

Example: HTN 01-40-ESS

HTN

1

-

2

-

3

4

5