

Pure HiTemp* depth filter

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
- Provides lower total cost of filtration
- Wide chemicals compatibility

applications

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

efficiency information

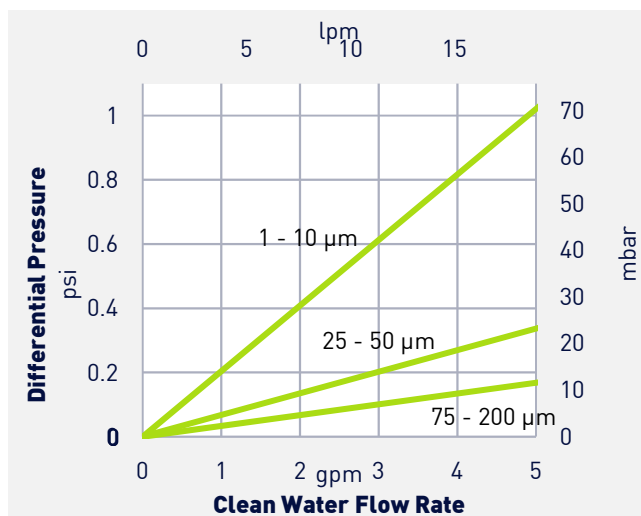
Table 1: Removal efficiency based on a modified ASTM 795 procedure

Micron Rating	Removal rating (µm) at various efficiencies		
	90.0%	99.0%	99.9%
1 µm – 150 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 ¾ in (24.5 cm)	30 in (76.2 cm)
	10 in (25.4 cm)	
	19 ½ in (49.5 cm)	39 in (99.1 cm)
	20 in (50.8 cm)	40 in (101.6 cm)
	29 ¼ in (74.3 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.

certifications

ISO 9001 criteria

SUEZ 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 SUEZ 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



Table 3: Ordering information

	1	2	3	4	5
Type	Micron Rating (nominal)	Cartridge Length	End #1 Adapter	End #2 Adapter	Elastomer Material
HTN = Nylon core	01 = 1 µm	9 3/4 in (24.5 cm)	 A = Open end w/gasket	 A = Open end w/gasket	B = Buna S = Silicone V = Viton ¹
	05 = 5 µm	10 in (25.4 cm)	 E = 222 O-Ring	 H = Fin	
	10 = 10 µm	19 1/2 in (49.5 cm)	 F = 226 O-Ring	 S = Solid End	
	25 = 25 µm	20 in (50.8 cm)	 X = Standard Plain End (no gasket)	 X = Standard Plain End (no gasket)	
	50 = 50 µm	29 1/4 in (74.3 cm)			
	75 = 75 µm	30 in (76.2 cm)			
	100 = 100 µm	39 in (99.1 cm)			
	125 = 125 µm	40 in (101.6 cm)			
	150 = 150 µm				
	200 = 200 µm				

¹ Viton is a registered mark of DuPont

² Absolute-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.