

Hytrex* LD Depth Filters

FACT SHEET



Melt blown depth filter with 4.5" outer diameter



Figure 1: Hytrex LD Depth Filters

Features & Benefits

- 100% FDA-compliant, high-purity polypropylene construction ensures broad chemical compatibility and safe operation, free of surfactants and adhesives.
- Unique dual-graded density design of the extended media captures particles throughout entire filter depth.
- High dirt-holding capacity means longer life and fewer change-outs, which translates into money saved.
- Precision final filter results in consistent high-performance filtration.
- Large media area allows for high flow rates.
- Automated packaging and manufacturing processes ensure a clean, reliable product every time.
- 4.5" outer diameter suited for AMETEK's Big Blue¹ and Keystone's Blue Giant housing units

¹ Big Blue is a trademark of US Filter/Siemens. Blue Giant is a trademark of Metpro Keystone Filter Division

Typical Applications

- Whole house filtration
- Spa and pool filtration
- Restaurant and food service
- Water filtration

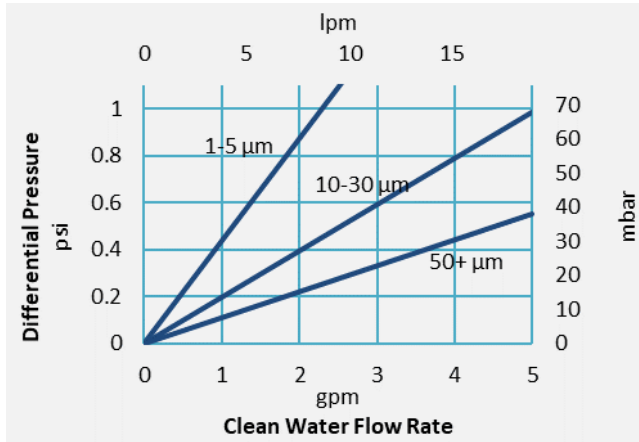
Specifications

Ratings (nominal)	1, 5, 10, 20, 30, 50 microns
Inner Diameter (nominal)	1 in (2.5 cm)
Outer Diameter	4.5 in (11.4 cm)
Lengths	
9.875 in (25.1 cm)	20 in (50.8 cm)
Materials of Construction	
Filter Media	Polypropylene
Adapters	Polypropylene
Performance Conditions	
Flow	Outside-In
Recommended flow rate per TIE	5 gpm (for 1 and 5 µm) 10 gpm (10-50 µm)
Maximum Pressure Drop	35 psid (2.4 bar) @ 77°F (25°C)
Recommended change-out pressure drop	20 psid (1.4 bar) @ 77°F (25°C)
Maximum Operating Temperature	140°F (60°C)

Efficiency Information

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 and between filter manufacturers. Efficiency is dependent on particle shape, size, composition, application, and testing protocol.

Hytrex LD Depth Filter



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

Quality

Hytrex LD 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

- U.S. FDA 21CFR 177.1520
- EU Framework Regulation No. 1935/2004/EC
- EU Plastics Regulation No. 10/2011
- USP class VI-121°C
- NSF/ANSI/CAN Standard 61
- ISO 9001 site

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.

Example: LD 05-10



Ordering Information - Example: LD 05-10

	1	2
Type	Micron Rating (Nominal)	Cartridge Length
LD	01 = 1 µm 05 = 5 µm 10 = 10 µm 20 = 20 µm 30 = 30 µm 50 = 50 µm	10 = 9 7/8 in (25.1 cm) 20 = 20 in (50.8 cm)