

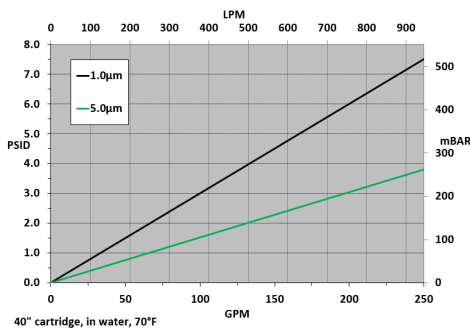
HF3CTB-Series High Flow Depth Cartridge

HF3CTB-Series large diameter coreless polypropylene depth cartridges deliver cost-effective performance at high flowrates and low pressure drops in liquid applications. These highly efficient “outside-to-inside” flow cartridges are constructed of gradient density polypropylene depth media providing high particle removal efficiency and broad chemical compatibility.

These cartridges are a direct replacement for 3M-740 Series and similar competitive cartridges. The coreless design reduces material waste and disposal costs. HF3CTB-Series cartridges excel at capturing solid and semi-solid particulates within the filter media delivering reliable, cost-effective filtration. These cartridges are offered in nominal micron ratings and in a standard 39” nominal length.



Flow Rate vs Pressure Drop



Typical Applications

- Amine
- Bulk chemicals
- Coolants
- EDM fluids
- Glycol
- Plating solutions
- Process water

Construction Materials

Filtration MediaPolypropylene
End CapsPolypropylene
Outer Support Cage.....Polypropylene
O-Rings/Gaskets.....Buna

Performance Specifications

Micron Ratings:

- 1.0 µm
- 5.0 µm

Efficiency:

98%

Dimensions

Length:

39 inches
 (Custom Lengths Available)

Outside Diameter:

6.2 inches

Inside Diameter:

1.7 inches

Operating Conditions

Temperature (max).....160°F (71°C)
Differential Pressure (max)35 PSID
 (2.4 bar) at 68°F (20°C)
Change Out Differential Pressure20-25 PSID
 (1.4-1.7 bar)
Flow DirectionOutside to inside

Food Safety Compliance

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 1935/2004 and/or 10/2011.

Ordering Information

| HF3CTB | Material | Rating (µ) | Retention | Length | O-Rings |
|--------|--------------------|------------|-------------|-------------|----------|
| | PP = Polypropylene | 1.0 | N = Nominal | 39"(99.1cm) | B = Buna |
| | | 5.0 | | | |

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

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