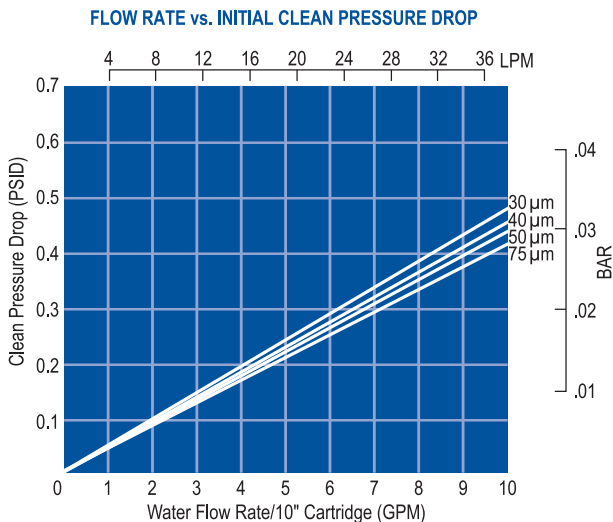
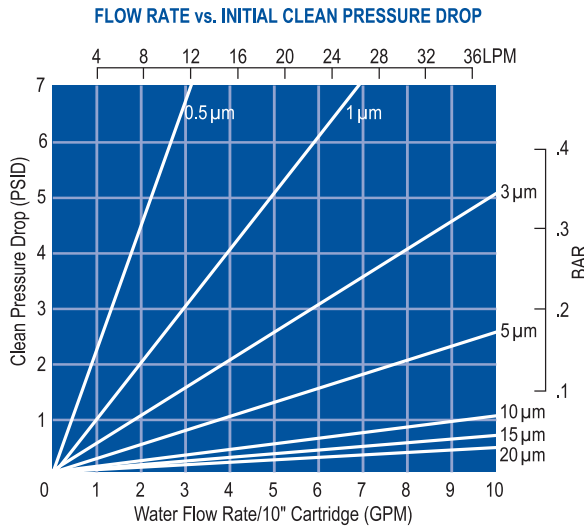


NT Series Graded Pore Polypropylene Depth Filter Cartridge



- Designed to deliver precision prefiltration through the patented advanced melt blown structure that incorporates large diameter fibers for strength while maintaining small fibers for filtration
- High purity, 100% polypropylene construction is free of surfactants, binders and adhesives
- FDA Listed Materials - Manufactured from materials listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations. Product (3 micron and higher) in compliance with EU Directive 2002/72/EC for plastic in food contact (in simulants A, B, C, and D).
- Toxicity - All polypropylene components meet the specifications for biological safety as per the USP for Class VI-121°C plastics (gaskets/O-rings excluded).



SPECIFICATIONS

Dimensions

Diameter (OD).....
Length (in).....

Materials

Cartridge.....
Media.....
Seals.....

Operating Parameters

Maximum Temperature
0.5-10 μm:.....

15-120 μm:.....

Maximum Differential Pressure @ 30°C
Filtration Efficiency.....

Recommended Water Flow Rates

0.5 – 3 micron.....
5 – 75 micron.....

Sanitizing Agents ...

Autoclaving:

Single open end FCNT Series filter cartridges can be autoclaved for 30 minutes at 250°F (121°C) under no end load conditions. However, filter cartridges should be allowed to cool to normal system operating temperatures prior to use.

Steam Sterilization:

Not recommended.

Diameter (OD)	2.5" (6.5 cm)
Length (in)	9.75, 10, 20, 30, 40
Materials	Polypropylene caps and core CoLD® fiber melt blown polypropylene Silicone o-rings and Santoprene® gaskets
Operating Parameters	Maximum Temperature 0.5-10 μm: 15 psid (1.03 bard) @ 180°F (82°C) 25 psid (1.72 bard) @ 150°F (66°C) 60 psid (4.14 bard) @ 86°F (30°C) 15-120 μm: 25 psid (1.72 bard) @ 140°F (60°C) 50 psid (3.45 bard) @ ambient 60 psi (4.1 bar) Nominal 90%
Recommended Water Flow Rates	0.5 – 3 micron: 2.0 gpm/10" length (7.6 lpm/10" length) 5 – 75 micron: 5.0 gpm/10" length (18.9 lpm/10" length)
Sanitizing Agents	Chlorine, hydrogen peroxide

ORDERING INFORMATION

Catalog Number and Description

FCNT	Polypropylene CoLD® depth filter cartridge
X	Cartridge Code: 0 = 2-222 o-rings 7 = 2-226 o-ring locking tabs w/spear 1 = single open end w/internal o-ring N = double open end (0.5 – 5 mm – no gasket)
XX	Length (in): 09 = 9.75, 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX	Micron Rating: S5 = 0.5 μm, 01 = 1 μm, 03 = 3 μm, 05 = 5 μm, 10 = 10 μm, 15 = 15 μm, 20 = 20 μm, 30 = 30 μm, 40 = 40 μm, 50 = 50 μm, 75 = 75 μm

To determine your catalog order number, replace the X with one of the numbered or lettered options beside it. Note: Not all part number combinations are available; consult Technical Support for assistance.