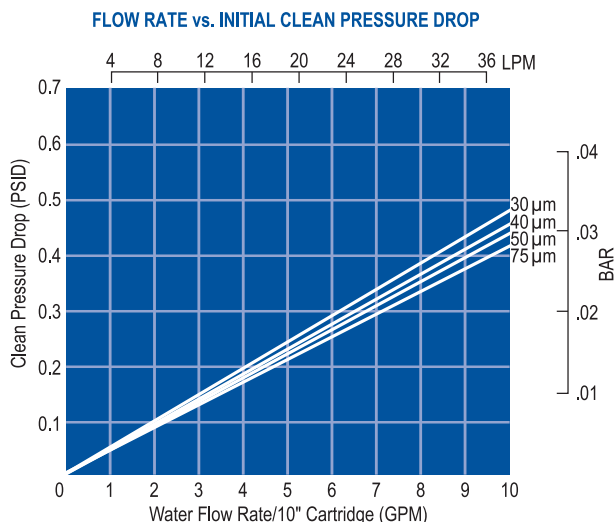
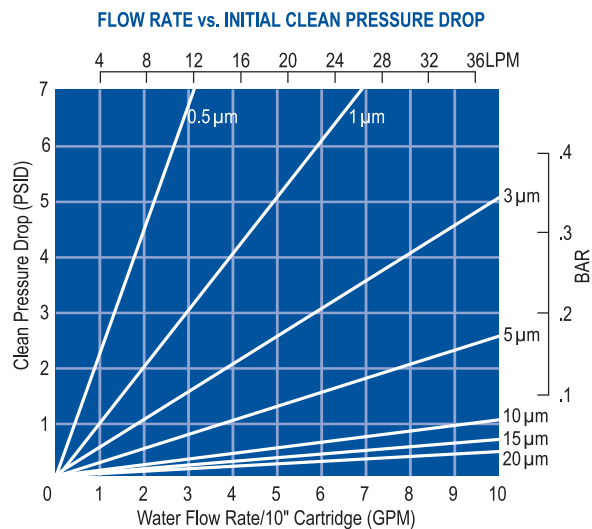


NT Series Graded Pore Polypropylene Depth Filter Cartridge

- 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).....

2.5" (6.5 cm)
 9.75, 10, 20, 30, 40

Materials

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

Polypropylene caps and core
 CoLD® fiber melt blown polypropylene
 Silicone o-rings and Santoprene® gaskets

Operating Parameters

Maximum Temperature
 0.5-10 μm:.....
 15-120 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)
 25 psid (1.72 bard) @ 140° F (60° C)
 50 psid (3.45 bard) @ ambient
 60 psi (4.1 bar)
 Nominal 90%

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

Recommended Water Flow Rates

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

2.0 gpm/10" length (7.6 lpm/10" length)
 5.0 gpm/10" length (18.9 lpm/10" length)

Sanitizing Agents ...

Chlorine, hydrogen peroxide

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.

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.