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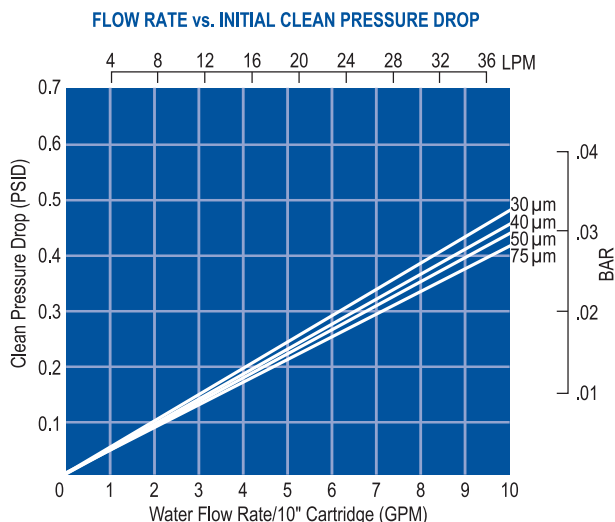
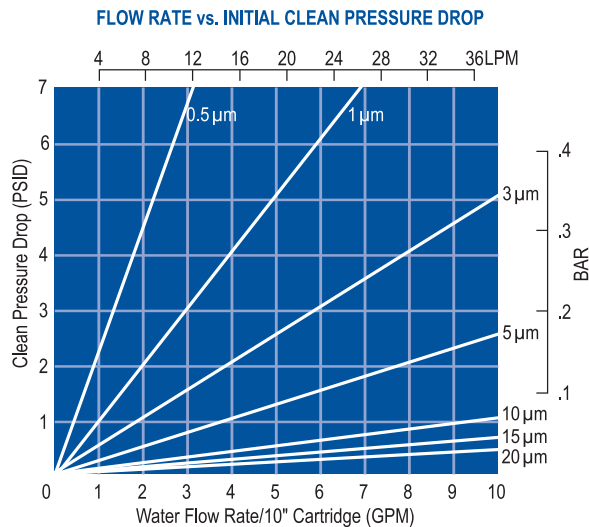
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NT Series Graded Pore Polypropylene Depth Filter Cartridge

- 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 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 bard)

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.



Siemens

Water Technologies

24-hr Customer Service: 800.466.7873