

NT SERIES GRADED PORE POLYPROPYLENE DEPTH FILTER CARTRIDGE

- Designed to deliver precision prefiltration through the patented advanced melt blown CoLD® technology structure that incorporates large diameter fibers for strength while maintaining small fibers for filtration
- CoLD fiber technology melt blown structure delivers exceptional retention, mechanical strength and on-stream life
- Graded pore structure throughout the filter's depth provides high contaminant holding capacity
- High purity, 100% polypropylene construction is free of surfactants, binders and adhesives
- Materials generally recognized as safe in food and beverage applications



CARTRIDGE SPECIFICATIONS

Dimensions	
Diameter (OD)	2.5" (6.5cm)
Length/in (cm)	9.75, 10, 20, 30, 40
Materials	
Cartridge	Polypropylene core
Media	CoLD® fiber melt blown polypropylene
Seals	Silicone o-rings or Santoprene gaskets (DOE)
Operating Parameters	
Maximum Temperature	180°F (82°C) @ 15 psid (1.0 bar)
Maximum Differential Pressure @ 30°C	60 psi (4.1 bar)
Filtration Efficiency	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	

ORDERING INFORMATION

Catalog Number and Description	
FCNT	Polypropylene CoLD Depth Filter Cartridge
F	Cartridge Code: 1 = double open end w/internal o-rings, F = double open end (0.5 - 5 µm w gasket), N = double open end (0.5 - 5 µm - no gasket)
XX	Length (in): 09 = 9.75, 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX	Micro rating: S5 = 0.5 µm, 01 = 1 µm, 03 = 0.3 µm, 05 = 5 µm, 10 = 10 µm, 15 = 15 µm, 20 = 20 µm, 30 = 30 µm, 50 = 50 µm, 70 = 70 µm

To figure your 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.

