



DI GARD™ String Wound Prefiltration Cartridges

- Designed for a variety of prefiltration applications such as SDI (service deionization), reverse osmosis, and CDI® (Continuous Deionization) systems
- String wound type filter with your choice of cotton, industrial or surfactant-free polypropylene string over a polypropylene core
- Large void volume design for low-cost, reliable filtration performance with high contaminant holding capacity
- Continuous filter winding in 20-, 30-, and 40-inch lengths prevents by-passing or excessive pressure drops at the seams
- Gasketed end caps on 0.5 µm rated filters for positive sealing that eliminates by-passing
- Surfactant-free FCPX style filter meets USP Class VI Biological Tests for Plastics requirements

SPECIFICATIONS

Dimensions

Diameter (OD)
Length (in)

2.5" (6.5 cm)
9.75, 10, 19.5, 20, 29.25, 30, 40

Materials

FCCS
FCPS
FCPX

FDA-Listed bleached white cotton fiber string media with polypropylene core
FDA-Listed polypropylene fiber string media with polypropylene core
Surfactant-free polypropylene fiber string media with polypropylene core
NOTE: Code F cartridges (0.5 µm) have santophrene end seals.

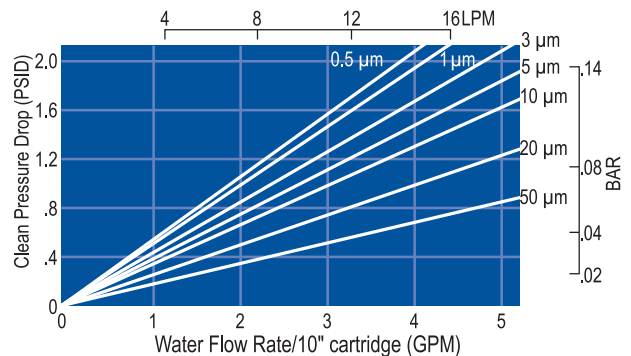
Operating Parameters

Maximum Temperature
Maximum Differential Pressure @ 25°C
Micron Ratings
Filtration Efficiency

140°F (60°C)
50 psi (3.4 bar)
0.5, 1, 3, 5, 10, 20, 50 Microns
Nominal 90%
5.0 gpm/10" length (18.9 lpm/10" length)

Recommended Water Flow Rates . .

FLOW RATE vs. INITIAL CLEAN PRESSURE DROP



ORDERING INFORMATION

Catalog Number	Description
FCXX	FCCS = FDA-Listed bleached cotton string fiber FCPS = FDA-Listed polypropylene string fiber FCPX = surfactant-free polypropylene string fiber cartridge
F	Cartridge Code: F = double open end
XX	Length (in): 09 = 9.75, 10 = 10, 19 = 19.5, 20 = 20, 29 = 29.25, 30 = 30, 40 = 40
XX	Micron Rating: S5 = 0.5µm, 01 = 1 µm, 03 = 3 µm, 05 = 5 µm, 10 = 10 µm, 20 = 20 µm, 50 = 50 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.

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