

PureFlo® D50C Filter Capsules

PureFlo® D50C Filter Capsules (50mm diameter) have been specially designed for simple, quick, and efficient filtration of liquids and gases used in laboratory, pilot, and small-scale applications. Nine different media options with ten fitting options can be placed in an all-polypropylene or polyethylene shell construction for excellent chemical compatibility. The small, compact design of the filter capsule also reduces hold-up volume and exposure to hazardous chemicals. No adhesives, binders, or surfactants are used in the manufacturing process. The unit is thermally-sealed to ensure integrity.



Materials of Construction

Membrane: Nylon, Nylon Screen, Polyethylene, PES, Polypropylene Membrane, Polypropylene Media, Hydrophobic and Hydrophilic PTFE
 Membrane Supports: Polypropylene
 Capsule Body: Polypropylene (standard)

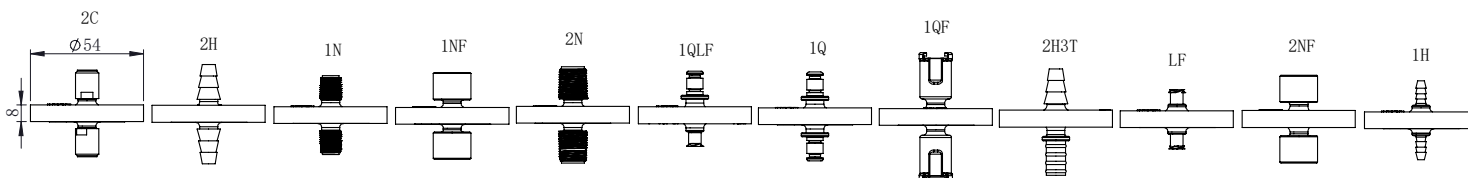
Fitting Connections

Luer Lock, Luer Slip, Hose Barb, Compression, NPT, Quick Couplings

Effective Filtration Area - 2.5in² (15.9 cm²)

Regulatory Compliance

The discs are manufactured from materials that conform to the requirements of 21CFR Part 177 of the U.S. Code of Federal Regulations. Medias and Membranes are also in compliance with the USP Class VI Biological Test for Plastics. (Except Blk PP & PVC.)



PureFlo D50C Filter Capsules Ordering Guide

PureFlo D50C Capsule Filters	Filter Media	Pore Sizes (Micron)									Input Fitting	Output Fitting	Options	
		Charged Nylon (CN)	Polyethylene (E)	PTFE (F)	Glass Fiber (G)	Polypro Membrane (M)	Nylon (N)	Nylon Screen (NS)	Polypro Media (P)	PES (S)				
D50C = 50mm Capsule filter	CN = Charged Nylon	005 = 0.05 010 = 0.10 020 = 0.20	020 = 0.20 100 = 1.0 150 = 1.5	010 = 0.10 020 = 0.20 045 = 0.45	005 = 0.5 010 = 1.0 030 = 3.0	010 = 0.1 020 = 0.2	005 = 0.05 010 = 0.10 020 = 0.20	100 = 10 200 = 20 400 = 40	003 = 0.3 006 = 0.6 010 = 1.0	005 = 0.05 010 = 0.10 020 = 0.20	1N = 1/8" MNPT 1NF = 1/8" FNPT 1H = 1/8"-1/4" Hose Barb	1N = 1/8" MNPT 1NF = 1/8" FNPT 1H = 1/8"-1/4" Hose Barb	Blank = Polypropylene Shell -E = Polyethylene She (for Gamma Stability) -GP = Gamma stable Polypropylene Shell -NY = Nylon Shell -1 = Single Bagged -ETO = Ethylene Oxide Sterilization -BLK = Black PP shell -O-Ring for Quick Coupling -OE = O-ring EPDM -ON = O-ring Nitrile -OV = O-ring Viton Blank = O-ring Silicon (Standard)	
	E = Polyethylene	020 = 0.20 045 = 0.45 065 = 0.65	250 = 2.5	100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	F = PTFE	045 = 0.45 065 = 0.65 080 = 0.80		100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	G = Glass Fiber	065 = 0.65 080 = 0.80 120 = 1.20		100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	M = PP Membrane	080 = 0.80 120 = 1.20		100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	N = Nylon	120 = 1.20		100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	NS = Nylon Screen			100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	P = PP Media			100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	S = PES			100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	TS = Polyester Screen			100 = 1.0 150 = 1.5 300 = 3.0	050 = 5.0 100 = 10 200 = 20	045 = 0.45 065 = 0.65 080 = 0.80	600 = 60 10X = 100 20X = 200	030 = 3.0 050 = 5.0 100 = 10	045 = 0.45 065 = 0.65 080 = 0.80	065 = 0.65 080 = 0.80 120 = 1.20	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling	1Q = 1/8" Male Quick Coupling 1QF = 1/8" Female Quick Coupling		
	Example – 1.0 Micron Nylon Filter Media with 1/4" hose barb fittings would be D50CN1002H2H													

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