

PureFlo® D40C Filter Capsule

40mm Disc Capsule filter

PureFlo® D40C Filter Capsules have been specially designed for simple, quick, and efficient filtration of fluids and gases used in laboratory, pilot, and small-scale applications. Nine different media options can be placed in an all-polypropylene construction for excellent chemical compatibility. The small compact design of the filter capsule 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



Specification

Materials of Construction

Membrane: PE, PTFE, GF, PP, Nylon, PES, SS
 Membrane Supports: Polypropylene
 Capsule Body: Polypropylene
 Fitting Connections: See Ordering Guide

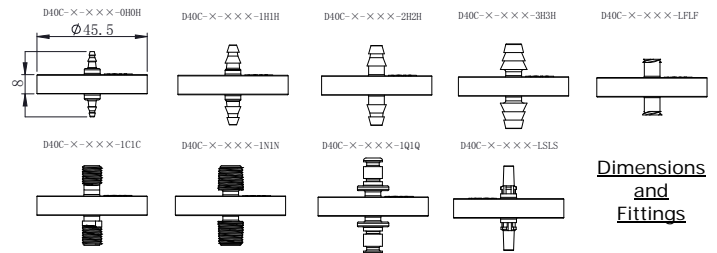
Operating Conditions

Max. Differential Pressure: 30 psid (2 bar)
 Maximum Operating Pressure Liquid:
 60 psig @ 77° F (4 Bar @ 25° C)
 Maximum Operating Pressure Gas:
 30 psig @ 77° F (2 Bar @ 25° C)
 Maximum Operating Temperature: 60° C

Effective Filtration Area - 10.5 cm²

Regulatory Compliance

They are manufactured from materials that conform to the requirements of 21CFR Part 177 of the U.S. Code of Federal Regulations and the Nylon and PES also comply with USP Class VI Biological Test for Plastic.



PureFlo D40C Filter Capsules Ordering Guide

PureFlo D40R Filter Capsules	Filter Media	Pore Sizes (Micron)									Inlet Fitting	Outlet Fitting	Options
		Polyethylene	PTFE	Glass Fiber	Polypro Membrane	Nylon	Nylon Screen	Polypro Media	PES	Stainless Steel			
D40C = 40mm Disk Capsule	E = Polyethylene	020 = 0.20	010 = 0.10	005 = 0.05	010 = 0.1	005 = 0.05	200 = 20	003 = 0.3	005 = 0.05	018 = 18	OH = 1/16-3/32" Hose Barb 1C = 1/8" Compression 1H = 1/8-3/16" Hose Barb 1N = 1/8" NPTM 1Q = 1/8" Male Quick Coupling 2H = 3/16-1/4" Hose Barb 3H = 1/4-3/8" Hose Barb LF = Luer Lock Female LM2 = Luer Lock Male LS = Luer Lock Male Slip	OH = 1/16-3/32" Hose Barb 1C = 1/8" Compression 1H = 1/8-3/16" Hose Barb 1N = 1/8" NPTM 1Q = 1/8" Male Quick Coupling 2H = 3/16-1/4" Hose Barb 3H = 1/4-3/8" Hose Barb LF = Luer Lock Female LM2 = Luer Lock Male LS = Luer Lock Male Slip	Blank = Poly propylene -1 = Single Bagged -E = Polyethylene Shell (for Gamma Stability) -BLK = Black PP shell -GP = Gamma stable Polypropylene Shell
	F = PTFE	100 = 1.0	020 = 0.20	010 = 1.0	020 = 0.2	010 = 0.10	400 = 40	006 = 0.6	010 = 0.10				
	G = Glass Fiber	150 = 1.5	045 = 0.45	030 = 3.0		020 = 0.20	600 = 60	010 = 1.0	020 = 0.20				
	M = PP Membrane	250 = 2.5	100 = 1.0	050 = 5.0		045 = 0.45	10X = 100	030 = 3.0	045 = 0.45				
	N = Nylon		300 = 3.0	100 = 10		065 = 0.65	20X = 200	050 = 5.0	065 = 0.65				
	NS = Nylon Screen		500 = 5.0	200 = 20		100 = 1.0		100 = 10	080 = 0.80				
	P = PP Media		999 = 10	300 = 30				200 = 20	120 = 1.20				
	S = PES							300 = 30					
	SS = Stainless Steel							400 = 40					
								500 = 50					
							700 = 70						

Example - 1.0 Micron Nylon Filter Media and Female Luer Lock fittings would be D40RN100LFLF

Your Local Distributor:



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 JALT Technologies, LLC.
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ZenPure

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