

## PureFlo® D25C Filter Capsules

PureFlo® D25C Filter Capsules (25mm diameter) have been designed for simple, quick, and efficient filtration of fluids and gases used in laboratory, pilot, and small scale applications. Eight different media options can be placed in an all-polypropylene construction for excellent chemical compatibility with 10 different fittings. 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, and Hydrophilic PTFE  
 Membrane Supports: Polypropylene  
 Capsule Body: Polypropylene

### Fitting Connections

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

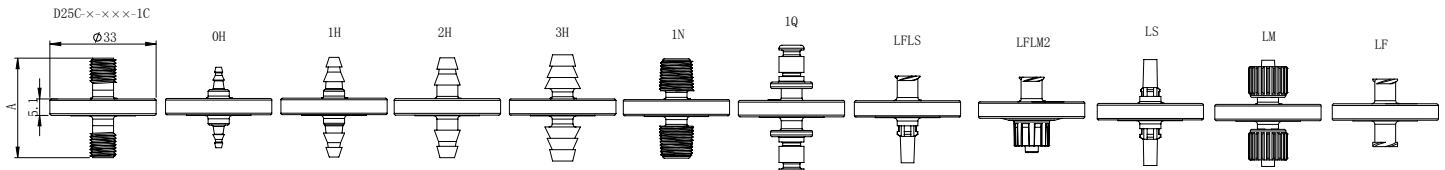
Effective Filtration Area - 0.7in<sup>2</sup> (4.6 cm<sup>2</sup>)

### Operating Conditions

Max. Working Pressure: 80 psid @ 77° F (5.5 bar)  
 Minimum burst pressure: 120 PSI @ 77° F (8 bar)  
 Maximum forward differential pressure:  
 >43.5 PSID (3 bar) at 68°F (20°C)  
 Maximum reverse differential pressure:  
 >29 PSIG (2 bar) at 68°F (20°C)  
 Maximum Operating Temperature: 176°F (80° C)

### 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. Media and Membranes are also in compliance with the USP



### PureFlo D25C Filter Capsules Ordering Guide

PureFlo D25C Capsule Filters	Filter Media	Pore Sizes (Micron)								Inlet Fitting	Outlet Fitting	Options
		Polyethylene	PTFE	Glass Fiber	Polypro Membrane	Nylon	Nylon Screen	Polypro Media	PES			
D25C = 25mm Capsule filter	E = Polyethylene	020 = 0.20	010 = 0.10	005 = 0.5	010 = 0.1	005 = 0.05	100 = 10	003 = 0.3	005 = 0.05	OH = 1/16-3/32" Hose Barb	OH = 1/16-3/32" Hose Barb	Blank = Poly propylene -1 = Single Bagged -E = Polyethylene Shell (for Gamma Stability) -GP = Gamma stable Polypropylene Shell -BLK = Black PP shell -ETO = Ethylene Oxide Sterilization O-ring for Quick Coupling -OE = O-ring EPDM -ON = O-ring Nitrile -OV = O-ring Viton Blank = O-ring Silicon (Standard)
	F = PTFE	100 = 1.0	020 = 0.20	010 = 1.0	020 = 0.2	010 = 0.10	200 = 20	006 = 0.6	010 = 0.10	1C = 1/8" Compression	1C = 1/8" Compression	
	G = Glass Fiber	150 = 1.5	045 = 0.45	030 = 3.0		020 = 0.20	400 = 40	030 = 3.0	020 = 0.20	1H = 1/8-3/16" Hose Barb	1H = 1/8-3/16" Hose Barb	
	M = PP Membrane	250 = 2.5	100 = 1.0	050 = 5.0		045 = 0.45	600 = 60	030 = 3.0	045 = 0.45	1N = 1/8" NPTM	1N = 1/8" NPTM	
	N = Nylon		300 = 3.0	100 = 10		065 = 0.65	10X = 100	050 = 5.0	065 = 0.65	1Q = 1/8" Male Quick Coupling	1Q = 1/8" Male Quick Coupling	
	NS = Nylon Screen		500 = 5.0	200 = 20		100 = 1.0	20X = 200	100 = 10	080 = 0.80	2H = 3/16-1/4" Hose Barb	2H = 3/16-1/4" Hose Barb	
	P = PP Media		999 = 10	300 = 30				200 = 20	120 = 1.20	2UF = 1/4-28 thread Female	2UF = 1/4-28 thread Female	
	S = PES							300 = 30		3H = 1/4-3/8" Hose Barb	3H = 1/4-3/8" Hose Barb	
							400 = 40		LF = Luer Lock Female	LF = Luer Lock Female		
							500 = 50		LM = Luer Lock Male	LM = Luer Lock Male		
							700 = 70		LS = Luer Lock Male Slip	LS = Luer Lock Male Slip		
							10X = 100					
							15X = 150					

Example - 1.0 Micron Nylon Filter Media with 1/4-3/8" hose barb fitting inlet and outlet would be D25CN1003H3H

ZenPure

Your Local Distributor:

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