

PUREFLO® D90R FILTER DISCS

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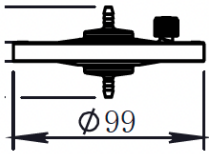
PureFlo® D90R Filter Discs have been designed for simple, quick, and efficient filtration of fluids and gases used in laboratory, pilot, and small-scale applications. The D90R discs are particularly suitable for scale up testing, they are the largest filter discs in our range. 10 different media options can be placed in an allpolypropylene construction for excellent chemical compatibility. There are 15 different fitting options that can be mixed and matched for the inlet and outlet fittings. The unit is thermally-sealed to ensure integrity. Removal efficiency from 0.1 to 500 micron. Also available in black for UV curing systems. Optional with vent port.

SPECIFICATIONS

MATERIALS OF CONSTRUCTION:	Outer disc: Polypropylene Filter Media: Wide selection, see page 2 Media Supports: Depends on Filter Media O-Rings on quick fittings: Silicone, EPDM, NBR
FITTING CONNECTIONS:	See page 2
EFFECTIVE FILTRATION AREA:	60 cm ²
MAX. OPERATING TEMPERATURE:	80 °C
MAX. OPERATING CONDITIONS FOR LIQUIDS AT 22°C:	Operating Pressure: 5.5 bar Forward Differential Pressure: 1.5 bar Reverse Differential Pressure: 0.7 bar

PES MEMBRANE (S)	PTFE HYDROPHOBIC MEMBRANE (F)	GLASS FIBER (G)	HI PERFORMANCE PP MEDIA (HP)	PP MEDIA (P)	NYLON MELT-BLOWN (NN)
010 = 0.1 µm	010 = 0.1 µm	H = HEPA	003 = 0.3 µm	006 = 0.6 µm	010 = 1 µm
020 = 0.2 µm	020 = 0.2 µm	002 = 0.2 µm	006 = 0.6 µm	010 = 1.0 µm	030 = 3 µm
045 = 0.45 µm	045 = 0.45 µm	004 = 0.45 µm	010 = 1.0 µm	030 = 3.0 µm	050 = 5 µm
065 = 0.65 µm	100 = 1.0 µm	005 = 0.5 µm	030 = 3.0 µm	050 = 5.0 µm	100 = 10 µm
080 = 0.8 µm	300 = 3.0 µm	010 = 1.0 µm	050 = 5.0 µm	070 = 7.0 µm	200 = 20 µm
120 = 1.2 µm	500 = 5.0 µm	030 = 3.0 µm	100 = 10 µm	100 = 10 µm	
	999 = 10 µm	050 = 5.0 µm		200 = 20 µm	
		100 = 10 µm		300 = 30 µm	
		200 = 20 µm		400 = 40 µm	
				500 = 50 µm	
				700 = 70 µm	
NYLON MESH (NS)	STAINLESS STEEL MESH (SS)	POLYPROPYLEN MESH (PS)	POLYESTER MESH (TS)		
070 = 7 µm	060 = 6 µm	10x = 100 µm	050 = 5 µm		
100 = 10 µm	180 = 18 µm	15x = 150 µm	070 = 7 µm		
200 = 20 µm	200 = 20 µm	20x = 200 µm	100 = 10 µm		
400 = 40 µm	250 = 25 µm	30x = 300 µm	200 = 20 µm		
600 = 60 µm	370 = 37 µm	50x = 500 µm	300 = 30 µm		
10x = 100 µm	460 = 46 µm		400 = 40 µm		
20x = 200 µm	530 = 53 µm		600 = 60 µm		
	610 = 61 µm		730 = 73 µm		

1H
1/8" Hose barb



2H
1/4"-5/16" Hose barb



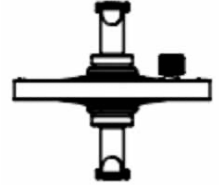
3H
5/16"-3/8" Hose barb



1Q
1/8" Male quick coupling (PMC/20-S)



1QF
1/8" Female quick coupling (PMC/20-S)



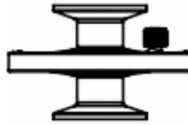
2N
1/4" NPTM



1NF
1/8" NPTF



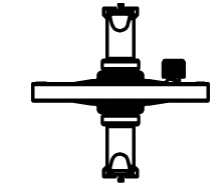
TC
1" Tri clamp (50.5mm)



2Q
1/4" Male quick coupling (PLC/40-S)



2QF
1/4" Female quick coupling (PLC/40-S)



MT
1/2" Tri Clamp



4Q
1/2" Male quick coupling (HFC/65-S)



2V
Walther fitting



LM
Luer lock male



LF
Luer lock female

