

PureFlo® D65R Filter Discs

PureFlo® D65R filter discs have been designed for simple, quick, and efficient filtration of fluids used in laboratory, pilot, and small-scale applications. The family of products is particularly suitable for scale up testing. 12 different media options can be placed in an all-polypropylene construction for excellent chemical compatibility. There are 15 different fitting options that can be mixed and matched for the inlet and outlet fittings.



SPECIFICATIONS

MATERIALS OF CONSTRUCTION:	Outer Disc:	Polypropylene or Gamma stabilized PP (medical)
	Filter Media:	Wide selection, see page 2
	Media Supports:	Depends on Filter Media
	O-Rings on quick fittings:	Silicone, EPDM, NBR
FITTING CONNECTIONS:	See ordering guide for the availability.	
EFFECTIVE FILTRATION AREA:	26 cm²	
OPERATING CONDITIONS for liquids at 22°C	Outer disc material Polypropylene	
Maximum Operating Pressure:	5.5 bar	
Maximum Forward Differential Pressure:	1.8 bar	
Maximum Reverse Differential Pressure:	0.9 bar	
Maximum Operating Temperature:	80 °C	

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Please contact us for further details, specifications or samples.

arranged BV
Meremweg 37C – 3740 Bilzen - Belgium

Tel. +32 89 656 321
info@arranged.be

Data can change without prior notice. April 2021.

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Filter Media Guide

PES Membrane (S)	PTFE hydrophobic Membrane (F)	Glass Fiber (G)	Hi Performance PP Media (HP)	PP Media (P)	Nylon Membrane (N)
<p>010 = 0.1 µm 020 = 0.2 µm 045 = 0.45 µm 065 = 0.65 µm 080 = 0.8 µm 120 = 1.2 µm</p>	<p>010 = 0.1 µm 020 = 0.2 µm 045 = 0.45 µm 100 = 1.0 µm 300 = 3.0 µm 500 = 5.0 µm 999 = 10 µm</p>	<p>H = HEPA 002 = 0.2 µm 004 = 0.45 µm 005 = 0.5 µm 010 = 1.0 µm 030 = 3.0 µm 050 = 5.0 µm 100 = 10 µm 200 = 20 µm</p>	<p>001 = 0.1 µm 002 = 0.2 µm 003 = 0.3 µm 006 = 0.6 µm 010 = 1.0 µm 030 = 3.0 µm 050 = 5.0 µm 100 = 10.0 µm</p>	<p>006 = 0.6 µm 010 = 1.0 µm 030 = 3.0 µm 050 = 5.0 µm 070 = 7.0 µm 100 = 10.0 µm 200 = 20.0 µm 300 = 30.0 µm 400 = 40.0 µm 500 = 50.0 µm 700 = 70.0 µm 10X = 100 µm</p>	<p>010 = 0.1 µm 020 = 0.2 µm 045 = 0.45 µm 065 = 0.65 µm 080 = 0.8 µm 120 = 1.2 µm</p>
Nylon Melt-Blown (NN)	Nylon Mesh (NS)	PP Membrane (M)	Polypropylen Mesh (PS)	Stainless Steel Mesh (SS)	Polyester Mesh (TS)
<p>010 = 1 µm 030 = 3 µm 050 = 5 µm 100 = 10 µm 200 = 20 µm</p>	<p>070 = 7 µm 100 = 10 µm 200 = 20 µm 400 = 40 µm 600 = 60 µm 10X = 100 µm 20X = 200 µm</p>	<p>010 = 0.1 µm 020 = 0.2 µm</p>	<p>10X = 100 µm 15 X= 150 µm 20X = 200 µm 30X = 300 µm 50X = 500 µm</p>	<p>060 = 6 µm 180 = 18 µm 200 = 20 µm 250 = 25 µm 370 = 37 µm 460 = 46 µm 530 = 53 µm 610 = 61 µm 740 = 74 µm 10X = 105 µm</p>	<p>050 = 5 µm 070 = 7 µm 100 = 10 µm 200 = 20 µm 300 = 30 µm 400 = 40 µm 600 = 60 µm 730 = 73 µm</p>

Fitting Guide

<p>1H 1/8" Hose barb</p> <p>Ø72</p>	<p>2H 1/4"-5/16" Hose barb</p>	<p>3H 5/16"-3/8" Hose barb</p>	<p>1Q 1/8" Male quick coupling (PMC/20-S)</p>	<p>1QF 1/8" Female quick coupling (PMC/20-S)</p>
<p>2N 1/4" NPTM</p>	<p>2NF 1/4" NPTF</p>	<p>MT 1/2" Tri clamp</p>	<p>2Q 1/4" Male quick coupling (PLC/40-S)</p>	<p>2QF 1/4" Female quick coupling (PLC/40-S)</p>
<p>3N 3/8" NPTM</p>	<p>3NF 3/8" NPTF</p>	<p>2D DNS Lundecke fitting</p>	<p>LM Luer lock male</p>	<p>LF Luer lock female</p>

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Ordering Guide

	FILTER MEDIA	PORE SIZES	INLET FITTING	OUTLET FITTING	OPTIONS
D65R	S = PES membrane F = PTFE membrane G = Glass Fiber HP = Hi Performance PP Media P = PP Melt-blown N = Nylon membrane NN = Nylon Melt-blown NS = Nylon Mesh M = PP membrane PS = PP Mesh SS = Stainless Steel Mesh TS = Polyester Mesh	*See Table Filter Media Guide for pore sizes	1H 2H 3H 1Q 1QF 2N 2NF MT 2Q 2QF 3N 3NF 2D LM LF	1H 2H 3H 1Q 1QF 2N 2NF MT 2Q 2QF 3N 3NF 2D LM LF	(2) Construction Material Blank = Polypropylene -GP = Gamma stable polypropylene shell -BLK = Black polypropylene shell <hr/> (3) O-Ring Blank = O-ring silicone (standard) -OE = O-ring EPDM -ON = O-ring Nitrile -OV = O-ring Viton <hr/> (4) Other -NV = No Vent port on disc filter
Example – D65R Filter disc Black shell with Polypropylene Melt-blown 7 µm, 1/4" male quick fittings and EPDM o-rings would be D65R-P070-2Q2Q-BLK-OE					