

# 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. 10 different media options -from 0.1 to 500 micron- can be placed in an all-polypropylene disc filter construction for excellent chemical compatibility. There are 15 different fitting options that can be mixed and matched for the inlet and outlet fittings.



## SPECIFICATIONS

<b>MATERIALS OF CONSTRUCTION:</b>	<b>Outer Disc:</b>	Polypropylene
	<b>Filter Media:</b>	Wide selection, see page 2
	<b>Media Supports:</b>	Depends on Filter Media
	<b>O-Rings on quick fittings:</b>	Silicone, EPDM, NBR
<b>FITTING CONNECTIONS:</b>	See ordering guide for the availability.	
<b>EFFECTIVE FILTRATION AREA:</b>	<b>26 cm<sup>2</sup></b>	

### Maximum operating conditions for liquids at 22°C

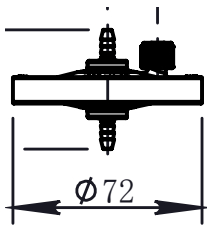
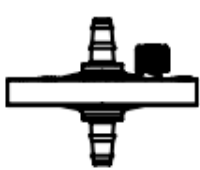
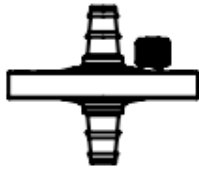





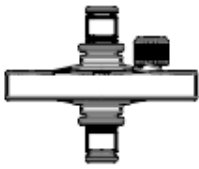
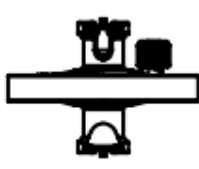


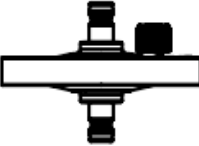


Operating Pressure:	5.5 bar
Forward Differential Pressure:	1.8 bar
Reverse Differential Pressure:	0.9 bar
Operating Temperature:	80 °C

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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)
<b>010</b> = 0.1 µm <b>020</b> = 0.2 µm <b>045</b> = 0.45 µm <b>065</b> = 0.65 µm <b>080</b> = 0.8 µm <b>120</b> = 1.2 µm	<b>010</b> = 0.1 µm <b>020</b> = 0.2 µm <b>045</b> = 0.45 µm <b>100</b> = 1.0 µm <b>300</b> = 3.0 µm <b>500</b> = 5.0 µm <b>999</b> = 10 µm	<b>H</b> = HEPA <b>002</b> = 0.2 µm <b>004</b> = 0.45 µm <b>005</b> = 0.5 µm <b>010</b> = 1.0 µm <b>030</b> = 3.0 µm <b>050</b> = 5.0 µm <b>100</b> = 10 µm <b>200</b> = 20 µm	<b>003</b> = 0.3 µm <b>006</b> = 0.6 µm <b>010</b> = 1.0 µm <b>030</b> = 3.0 µm <b>050</b> = 5.0 µm <b>100</b> = 10.0 µm	<b>006</b> = 0.6 µm <b>010</b> = 1.0 µm <b>030</b> = 3.0 µm <b>050</b> = 5.0 µm <b>070</b> = 7.0 µm <b>100</b> = 10.0 µm <b>200</b> = 20.0 µm <b>300</b> = 30.0 µm <b>400</b> = 40.0 µm <b>500</b> = 50.0 µm <b>700</b> = 70.0 µm	<b>020</b> = 0.2 µm <b>045</b> = 0.45 µm <b>065</b> = 0.65 µm <b>080</b> = 0.8 µm <b>120</b> = 1.2 µm
Nylon Melt-Blown (NN)	Nylon Mesh (NS)	Stainless Steel Mesh (SS)	Polypropylen Mesh (PS)		
<b>010</b> = 1 µm <b>030</b> = 3 µm <b>050</b> = 5 µm <b>100</b> = 10 µm <b>200</b> = 20 µm	<b>070</b> = 7 µm <b>100</b> = 10 µm <b>200</b> = 20 µm <b>400</b> = 40 µm <b>600</b> = 60 µm <b>10X</b> = 100 µm <b>20X</b> = 200 µm	<b>060</b> = 6 µm <b>180</b> = 18 µm <b>200</b> = 20 µm <b>250</b> = 25 µm <b>370</b> = 37 µm <b>460</b> = 46 µm <b>530</b> = 53 µm <b>610</b> = 61 µm	<b>10X</b> = 100 µm <b>15X</b> = 150 µm <b>20X</b> = 200 µm <b>30X</b> = 300 µm <b>50X</b> = 500 µm		

## Fitting Guide

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

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Please contact us for further details, specifications or samples.

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Data can change without prior notice. September 2021.

PureFlo D65R Disc Filters ARR-GB\_0921.docx

## Ordering Guide

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