



FLUOROLINE™ DF PLUS DISPOSABLE FILTERS

Delivering excellent particle retention and flow rate capabilities when integrated into the liquid crystal process

Overview

Fluoroline™ DF Plus disposable filters deliver excellent particle retention and flow rate capabilities when integrated into the liquid crystal filtration of flat panel displays. Its unique design eliminates bubbles when the liquid crystal material is dropped onto the substrate during the One Drop Filling (ODF) process.

Application

- Liquid crystal filtration of flat panel displays

Features and Benefits

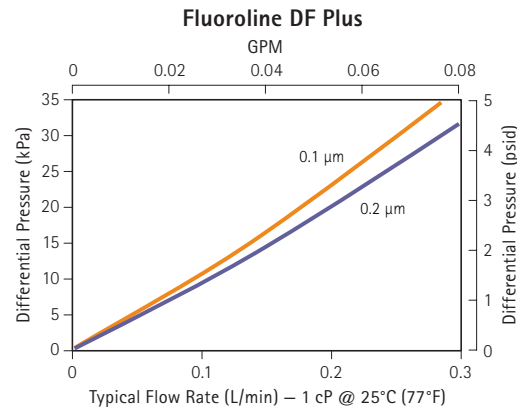
- Excellent retention and flow rate performance
- Unique design eliminates air bubbles during ODF process
- High filter cleanliness
- Superior chemical resistance



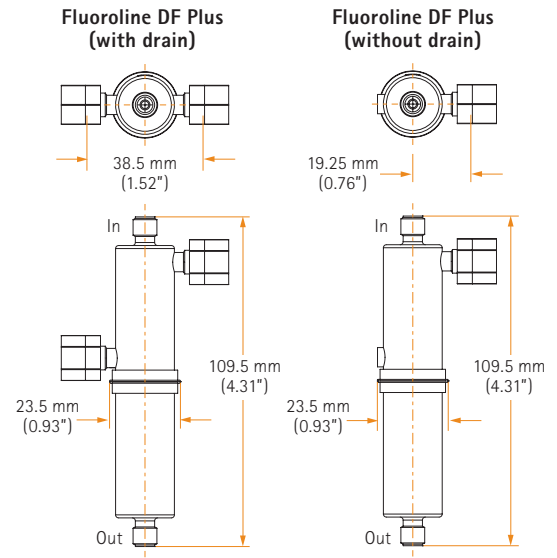
Specifications

Materials:	Membrane	PTFE
	Supports, shell	PFA
Retention rating:	0.1 μm, 0.2 μm	
Connections:	Inlet/outlet	1/8" compression seal
	Vent	1/8" compression seal
Operating conditions:	Maximum inlet pressure	0.41 MPa (4.1 bar; 59 psi) @ 20°C (68°F)
	Maximum forward differential pressure	0.34 MPa (3.4 bar; 49 psi) @ 20°C (68°F)
	Maximum reverse differential pressure	0.034 MPa (0.3 bar; 4 psi) @ 20°C (68°F)
	Maximum operating temperature	60°C (148°F)
Attachments:	PFA plug for 1/8" compression seal	

Performance Data



Dimensions



Ordering Information

Part Number	Material Description	Attachment
DFFV01N8S1P	Fluoroline DF Plus 0.1 µm 1/8" compression seal, without drain	PFA plug, 1/pack
DFFV01D8S1P	Fluoroline DF Plus 0.1 µm 1/8" compression seal, with drain	PFA plug, 2/pack
DFFG01N8S1P	Fluoroline DF Plus 0.2 µm 1/8" compression seal, without drain	PFA plug, 1/pack
DFFG01D8S1P	Fluoroline DF Plus 0.2 µm 1/8" compression seal, with drain	PFA plug, 2/pack

For More Information

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit www.entegris.com and select the Customer Service link for the center nearest you.

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