

## Classic Filters

### DIF (I,L) Small Disposable In-Line Filters

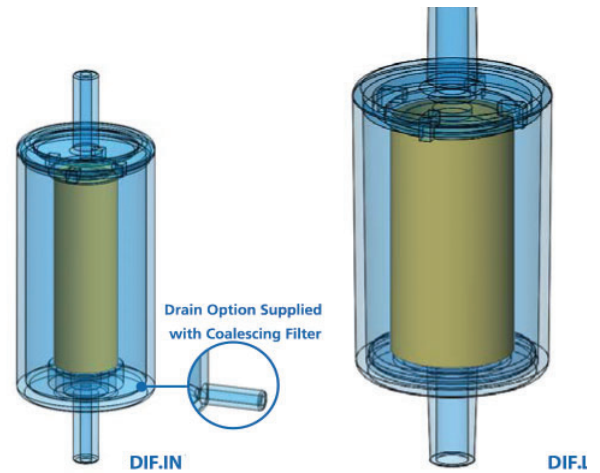
1/4" or 1/2" Spigots, Pressure to 115 PSI (8 Bar)

#### DESCRIPTION

Disposable In-Line Filters (DIF.I & DIF.L) consist of permanently welded housings with encapsulated microfibre filter elements. This makes them ideal for portable analyzers and other analysis systems requiring a robust and easily replaceable filter.

A choice of body materials makes them suitable for a wide range of chemical environments. The units on this page are designed for particulate removal in gas and liquid applications. The K type filter element is fitted as standard, but other element types can also be installed.

The DIF.IN & DIF.IK can be supplied with a drain port spigot for coalescing applications.



SPECIFICATIONS TABLE 1						
Housing Model	DIF.IN	DIF.IK	DIF.LN	DIF.LN.201	DIF.LK	DIF.LK.201
Port Spigot Size	Ø 1/4"	Ø 1/4"	Ø 1/2"	1/4" NPT(M)	Ø 1/2"	1/4" NPT(M)
Max. Pressure, PSI (bar)	115 (8)	65 (4)	115 (8)		65 (4)	
Max. Temperature, °F (°C)						
At 0 Pressure	230 (110)	248 (120)	230 (110)		248 (120)	
At Maximum Pressure	122 (50)					
Materials of Construction						
Body	PA (Polyamide)	PVDF (Polyvinylidene Difluoride)	PA (Polyamide)		PVDF (Polyvinylidene Difluoride)	
Filter Element Size	12-57 (12 mm I.D. x 57 mm length)			25-64 (12 mm I.D. x 64 mm length)		
Standard Element	K-Type					
Principal Dimensions in mm						
Diameter	36.5			51		
Body Length	73.5			79		
Spigot Length	20			24		
Volume, cc	50			110		

#### EFFICIENCY

Each filter element type is available in a selection of grades covering a efficiency range from coarse bulk contamination removal and the essentially complete removal of submicron particles.

PARTICULATE APPLICATIONS GRADE SELECTION TABLE- GAS TABLE 2							
% Removal of 0.1 micron particles							
Binder Type	Description	+99.99998%	+99.9999%	+99.99%	+99.5%	+95%	+75%
E	Epoxy Ester	3E	4E	5E	6E	7E	8E
K	PVDF Flouro-carbon	3K	4K	5K	6K	7K	8K
S	Silica Inorganic	3S	4S	5S	6S	7S	8S
L	Silicone	-	4L	-	6L	-	-



## PARTICULATE APPLICATIONS GRADE SELECTION TABLE- LIQUID TABLE 3

+98% Removal of particles at stated size

Binder Type	Description	0.3 µm	1 µm	2 µm	8 µm	25 µm	75 µm
E	Epoxy Ester	3E	4E	5E	6E	7E	8E
K	PVDF Fluorocarbon	3K	4K	5K	6K	7K	8K
S	Silica Inorganic	3S	4S	5S	6S	7S	8S

## COALESCING APPLICATIONS GRADE SELECTION TABLE- GAS TABLE 4

% Removal of 0.1 micron particles

Binder Type	Description	+99.99%	+99.5%	+95%	+75%
CE	Epoxy Ester	5CE	6CE	7CE	8CE
CK	PVDF Fluorocarbon	5CK	6CK	7CK	8CK
CR	PVDF Fluorocarbon	5CR	6CR	7CR	8CR
CS	Silica Inorganic	5CS	6CS	7CS	8CS

## ORDERING INFORMATION

- 1) Select Housing Model (Table 1)
- 2) Select Binder and grade Part Number (Tables 2, 3 or 4)

Part number example for 1/2" spigot size, PVD Body: DIF.LK.4K

See the complete catalog of Classic Filter products on our website for details regarding:

- Product selection guides, construction and specification details
- Complete range of particulate and coalescing type filter cartridges and media products
- Complete range of adsorber cartridges and media products



Take a look at our comprehensive product range to see if we have what you need to solve your filtration problems. If not, get in touch and we will make it for you, according to your particular specifications and requirements.