

PLEATFLOW N Filter Cartridges

- liquid filters
- glass fibre / polypropylene / cellulose

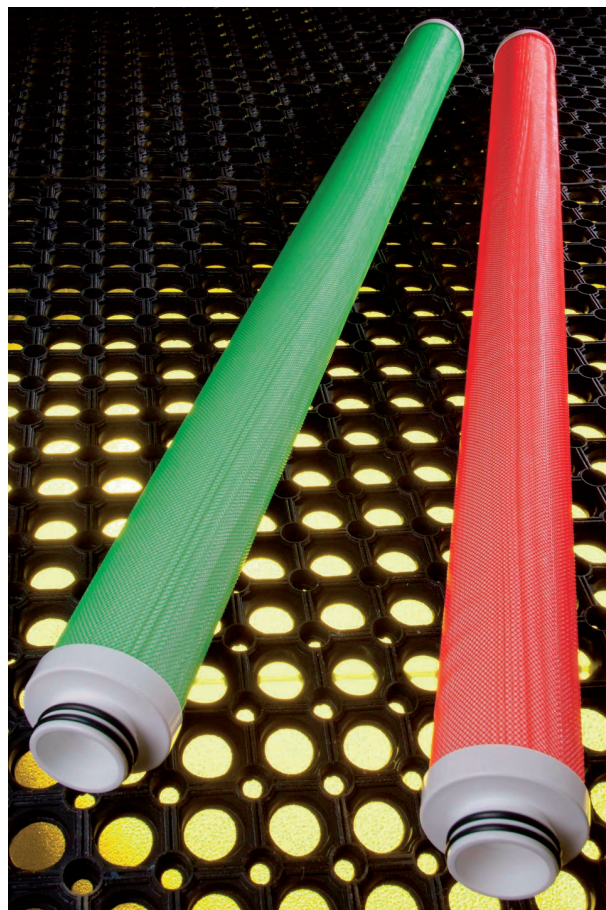
PLEATFLOW N filter cartridges have been designed specifically for oil field applications and can be used as a polishing filter for injection water or to filter completion fluids, protecting the well and removing dirt from brines that can lead to a decrease in productivity.

PLEATFLOW N cartridges are manufactured in accordance with our ISO9001 / 2000 QA system and utilise high performance filter media which is routinely evaluated for porosity, retention efficiency, dirt capacity and pressure loss to provide high performance in terms of cost per barrel filtered.

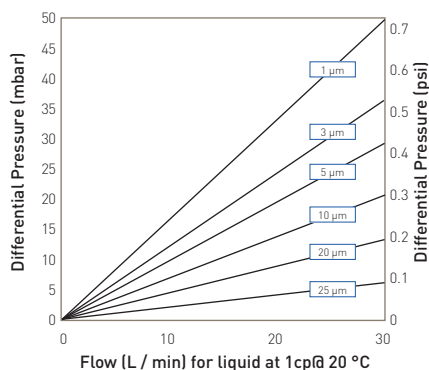
Cartridges are offered in industry standard lengths and with end fittings to suit existing filter housings.

Features and Benefits

- Optimised for oil field applications
- Glass fibre, polypropylene or cellulose media
- Beta 5000 rated
- 2 to 50 micron absolute

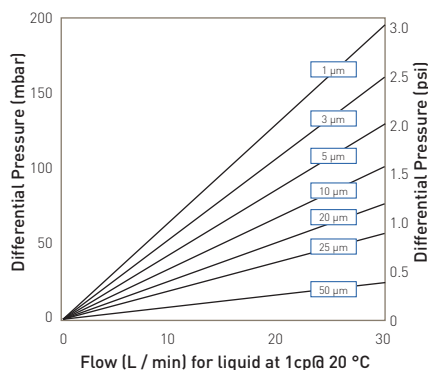


Performance Characteristics



Pressure Loss / Flow for PLEATFLOW GF

10" Size (250 mm) Cartridge



Pressure Loss / Flow for PLEATFLOW PP

10" Size (250 mm) Cartridge

Specifications

Materials of Construction

- Filtration Media Options: Glass Fibre
Polypropylene
Cellulose
- Inner Support Core: Polypropylene
Nylon/Stainless Steel
- Standard o-rings/gaskets: EPDM, Viton, Nitrile

Cartridge Efficiency

Published Rating (micron)	Nominal Efficiency (90%)	Absolute Efficiency (99.98%)
2 µm	0.5	2
5 µm	1	5
10 µm	3	10
20 µm	10	20
25 µm	15	35
50 µm	25	50

Maximum Operating Conditions

	PP Hardware	Nylon SS Hardware
Max. Temperature	65 °C (149 °F)	120 °C (248 °F)
Max. Differential Pressure	4.0 bar (58 psi) @ 50 °C (122 °F)	
Recommended Max. Differential Pressure	2.5 bar (36 psi) @ 50 °C (122 °F)	

Applications

- Injection Water
- Waterflow & Waste Water
- Workover
- Completion & Stimulation Fluids
- Brines
- Acids
- Methanol
- Glycols
- Amines
- Diesel

PLEATFLOW Cartridges can be configured to be compatible with most oilfield chemicals. If in doubt, conduct a soak test.

Ordering Information

Code Length (Nominal)	Code Micron	Code Media	Code Core Type	Outer Net Configuration	Code End Fitting	Code Seal Material
29 29.50" (750 mm)	02 2 µm	GF 02	2 Polypropylene	Code 48 mm Diameter 62 mm Diameter Micron Colour	0 DOE	E EPDM
30 30" (762 mm)	05 5 µm	CEL 03	3 Stainless Steel /		3 Flat / 222	N Nitrile
36 36" (914 mm)	10 10 µm	PP T5	Nylon		8 Fin / 222	V Viton
39 39.25" (1000 mm)	20 20 µm			5 E 2 µm Red		
40 40" (1016 mm)	25 25 µm			2 B 5 µm Blue		
	50 50 µm			3 C 10 µm Green		
				4 D 20 µm Natural		
				1 A 35 µm Black		
				6 F 50 µm Orange		



Ross Road, Portrack Lane, Stockton-on-Tees, TS18 2NH
tel: +44 (0) 1642 635620 fax: +44 (0) 1642 635621 email: sales@carbisfiltration.co.uk
www.carbisfiltration.co.uk



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