



FLUXA

Fluxa
Filtri
S.p.A.

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POLIFLO FPO 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.

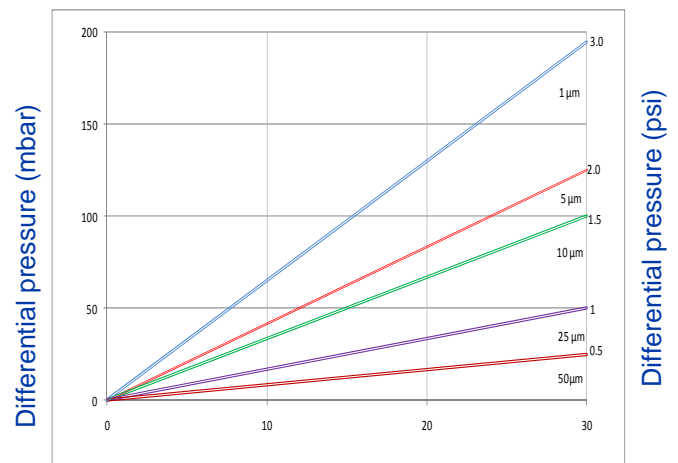
POLIFLO FPO cartridges are manufactured in accordance with ISO9001 / QA system and utilise high performance filter media which is routinely evaluated for porosity, retention efficiency, dirt capacity and pressure loss to provide high performance in terms of cost per barrel filtered.

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

Feature and Benefits

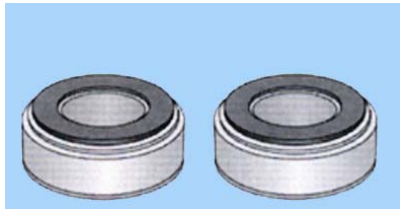
- Optimised for oil field applications
- Beta 5000 (99,98% efficiency)
- Polypropylene media
- Removal ratings from 1 to 100 micron absolute
- High surface area, up to 0,4 - 0,6 m²/10"
- Material conform with FDA 21 CFR part 177
- No fibre migration

Performance Characteristics

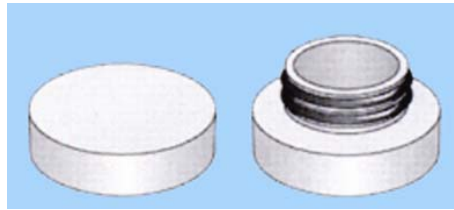


Flow (L/min) for liquid at 1 cp @ 20 °C
Pressure Loss / Flow for 10" Size (250 mm) cartridge

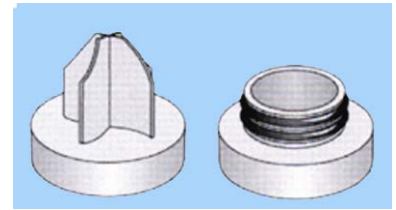
AVAILABLE CONFIGURATION



CODE 0



CODE 3



CODE 8

SPECIFICATIONS

Materials of construction

- Filtration media Options: Polypropylene
- Inner Support Core: Polypropylene
Nylon/ Stainless Steel
- Standard o-rings: EPDM, Viton, Nitrile

APPLICAZIONI:

- Injecton water
- Waterflow and Waste Water
- Workover
- Completion and Stimulation Fluids
- Brines
- Acids
- Methanol
- Glycols
- Amines
- Diesel

Cartridge Efficiency	
Published Rating (micron)	Absolute Efficiency (99.98%)
1 µm	1
5 µm	5
10 µm	10
25 µm	25
50 µm	50
75 µm	75
100 µm	100

POLIFLO FPO cartridges can be configured to be compatible to most oilfield chemicals. If in doubt, conduct a soak test or contact Fluxa

Maximum Operating Conditions

PP Hardware	
Max Temperature	80°C (176 °F)
Max Differential pressure	4 bar (58 psi) at 20°C (68 °F) 1,2 bar (17,4 psi) at 65°C (149°F)
Recommended Change out:	2 bar (29 psi) at 20°C (68°F)

DIMENSIONS:

Outside diameter: 68 mm
 Inside diameter: 28 mm
 Lengths: 10" to 40"

ORDERING INFORMATION

FPO — 30 — 05 — PP — A — O — V

Code	Length * (Nominal)
10	250 mm
20	500 mm
30	750 mm
40	1000 mm

* Other lengths available

Code	Micron
01	1 µm
05	5 µm
10	10 µm
25	25 µm
50	50 µm
75	75 µm
99	100 µm

Code	Core Type
PP	Polypropylene
NS	Nylon / Stainless Steel

Code	OUTER CAGE
A	1 µm Red
B	5 µm Black
C	10 µm Green
D	25 µm Blue
E	50 µm Orange
F	75 µm Yellow
G	100 µm Natural

Code	End Fitting*
0	DOE
3	Flat / 222
8	Spears / 222

* Others available

Code	Seal
N	NITRILE
E	EPDM
V	VITON