



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.

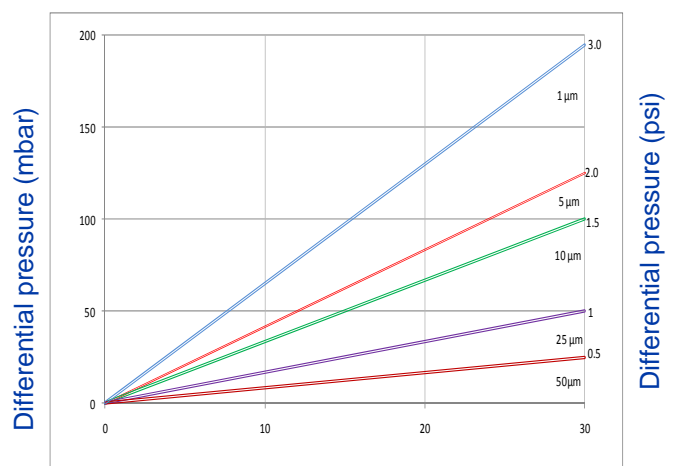
POLIFLO FPO cartridges are manufactured in accordance with ISO9001 / QA system and utilise high performance filter media which is routinely evaluated for porosity, retention efficiency, dirt capacity and pressure loss to provide high performance in terms of cost per barrel filtered.

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

Feature and Benefits

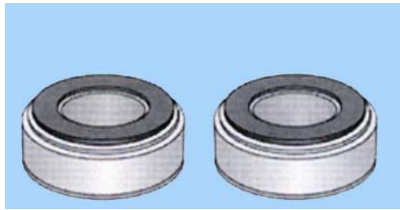
- Optimised for oil field applications
- Beta 5000 (99,98% efficiency)
- Polypropylene media
- Removal ratings from 1 to 100 micron absolute
- High surface area, up to 0,4 - 0,6 m²/10"
- Material conform with FDA 21 CFR part 177
- No fibre migration

Performance Characteristics

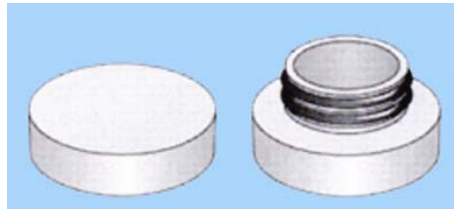


Flow (L/min) for liquid at 1 cp @ 20 °C
Pressure Loss / Flow for 10" Size (250 mm) cartridge

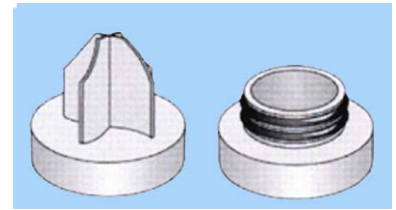
AVAILABLE CONFIGURATION



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

| 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 |

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) |

APPLICAZIONI:

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

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

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 |