

Microfiltration GFRP

Desalination, previous filtration to reverse osmosis, previous filtration to ultraviolet, separation of water and oil emulsions, sterilizing by cold for drinks and pharmaceutical products...



Microfiltración**PRFV**



TECHNICAL DATA

SYSTEM

The microfiltration technology is very efficient for suspended solids separations, and items recovery in every kind of fluid. Microfiltration possesses a retention solid efficiency lower than regular filters.

CONSTRUCTION MATERIALS

Body: glass fiber reinforced polyamide (GFRP).

Joints: synthetic rubber nitrile 60° Shore.

Central ring: stainless steel AISI 316L

FILTERING ELEMENT

The cartridges must be kept sealed at their ends, with the help of special joints and the compression provided by a spring manufactured in stainless steel.

CASES / HOLDER-CARTRIDGES

The cartridge holder is divided in two zones bypassed by the filter cartridges themselves: the area of water before it is filtered and the area of filtered water. Cartridges precise to be watertight in both end parts, due to special connections as well as a resort, made in stainless steel, which works under traction. We offer a 10" cartridge for GFRP microfiltration.

PRESSURES

Max pressure: 8 kg/cm²

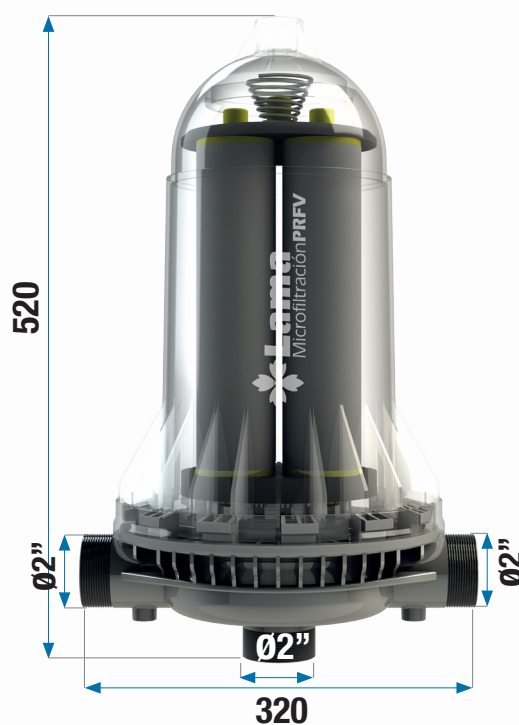
Testing pressure: 12 kg/cm²

FEATURES

These filters retain bacteria and viruses. Viruses, with smaller size than filtration holes, remain linked to bacteria. As result, both are captured in microfiltration cartridges.

Microfiltration is applicable to a large variety of water treatment, when particles smaller than 1 mm size are required to retain. Maintenance is required only for the cartridges.

GFRP MICROFILTRATION



| Net Weight (Kg) | Gross Weight (Kg) | Package volume (m ³) | Connection (Ø) | Number of cartridges | Code |
|--------------------|----------------------|----------------------------------|----------------|----------------------|------|
| 7,5 | 8 | 0,07 | 2" | 4 | FSM2 |

MICROFILTRATION CARTRIDGES. Polypropylene Foam.

| Description | Code |
|--|---------|
| Polypropylene foam 10" (1-5-10-20-50 microns) | CPX0110 |
| | CPX0510 |
| | CPX1010 |
| | CPX2010 |
| | CPX5010 |

| Description | Code |
|--|---------|
| Polypropylene foam 40" (1-5-10-20-50 microns) | CPX0140 |
| | CPX0540 |
| | CPX1040 |
| | CPX2040 |
| | CPX5040 |

*For any other lenght and cartridge number, **please ask**.