



FLUXA

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Filtro
S.p.A.

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PLEATED MEMBRANE FILTER CARTRIDGE

POLIFLO II TP Microfiltration cartridges have been designed specifically for use in a wide range of aggressive gas and liquid processing applications. Its naturally hydrophobic PTFE membrane makes this cartridge an ideal choice for systems requiring excellent compatibility, reliability and a consistently high quality filtrate.

Product Features

POLIFLO II TP cartridges feature:

- A naturally hydrophobic PTFE membrane rated at 0.2µm in liquids and 0.01 µm in gases
- Polypropylene support
- Minimal fibre migration
- Wide chemical compatibility
- Validation by bacterial and aerosolised bacteriophage challenge

All cartridges are thermally bonded and adhesive free. Each unit is pre-flushed with ultra-pure water and integrity tested before final assembly*¹

- Can be steam sterilised
- Sanitisable
- Meet current US FDA CFR Title 21 requirements
- Fully integrity testable by Water intrusion, Bubble Point or Diffusion Flow test*¹
- All B grade modules are integrity tested during manufacture

Available in a wide range of grades & absolute rated pore sizes:

- 0.1, 0.2, 0.45, 1.0 µm and solvent grade
- General Grade
- Biological Grade

Suitable for most sanitisation regimes including steaming, autoclaving, hot-water flush and most common sanitising agents.

Note: Steaming, autoclaving and hot water sanitisation must use the glass filled end-cap option)

Fluxa manufactures a comprehensive range of filter housings for **POLIFLO II TP** cartridges including the industrial series and filters for hygienic applications. Please consult our Sales Office for further details on the full range.



POLIFLO II TP FEATURES AND BENEFITS

- Fully Integrity Testable - Water intrusion, Bubble Point and Diffusional Flow values provided for all biological grade pore sizes*¹
- Validated*² removal rating for consistent and reliable performance
- Feature naturally hydrophobic PTFE membrane and polypropylene hardware
- Thermal bonding process eliminates adhesives and ensures minimal extractables
- Identification mark on every cartridge
- Full product guide available

*¹ B grades only

*² See product guides for further details stating test method and rated efficiencies

