

Capillary membrane

MF-PP S6/2 capillary membrane

Product name: Thermo Scientific™ MF-PP S6/2 Capillary Membrane

Chemical composition

Polymer	Polypropylene
Residual oil content	≤ 100 ppm
Wetting property	Hydrophobic

Physical properties

Wall thickness	450 ± 50 µm (17.7 ± 2.0 mil)
Inner diameter	1800 ± 150 µm (70.9 ± 5.9 mil)
Burst pressure	≥ 8 bar (≥ 116 psi)
Implosion pressure	≥ 4 bar (≥ 58 psi)

Membrane performance characteristics

Bubble point (in isopropyl alcohol, 23°C)	≥ 0.95 bar (≥ 13.8 psi)
Transmembrane flow (isopropyl alcohol, 23°C)	≥ 2.0 ml/(min cm ² bar) (≥ 128.1 ml/(min ft ² bar)) (≥ 0.9 ml/(min in ² bar))

Available make-up configurations

Bundles (customer specified)

All data is based on internal Thermo Fisher Scientific testing procedures.

Intended Use: MF-PP S6/2 capillary membranes are intended for use by OEMS for the manufacture of cartridges and filters. These products may be used for liquid filtration, degassing of liquids or introduction of gases in liquids. Typical applications include industrial processes, chemical processes, automotive industry, food and beverage and sterile filtration.

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