

Capillary membrane

MF-PP S6/4 capillary membrane

Product name: Thermo Scientific™ MF-PP S6/4 Capillary Membrane

Chemical composition

Polymer	Polypropylene
Residual oil content	≤ 100 ppm
Wetting property	Hydrophobic

Physical properties

Wall thickness	500 ± 70 µm (19.7 ± 2.8 mil)
Inner diameter	1700 ± 200 µm (66.9 ± 7.9 mil)
Burst pressure	≥ 8 bar (≥ 116 psi)
Implosion pressure	≥ 4 bar (≥ 58 psi)

Membrane performance characteristics

Bubble point (in isopropyl alcohol, 23°C)	≥ 0.7 bar (≥ 10.2 psi)
Transmembrane flow (isopropyl alcohol, 23°C)	≥ 3.5 ml/(min cm ² bar) (≥ 224.2 ml/(min ft ² bar)) (≥ 1.6 ml/(min in ² bar))

Available make up configurations

Bundles (600 capillaries, length = 1300 mm)

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

Intended Use: Thermo Scientific™ MF-PP S6/4 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.

Since there are many factors that can affect a product's use, the customer and user remain responsible for determining whether the Thermo Scientific product is suitable and appropriate for the user's specific application, including user conducting an appropriate risk assessment and evaluating the Thermo Scientific product in user's application for safety, regulatory compliance, performance and any other requirements.

Restrictions on Use: Thermo Fisher advises against the use of these Thermo Scientific products in any application other than the stated intended use(s) since other applications have not been evaluated by Thermo Fisher and may result in an unsafe or unintended condition.

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by Thermo Fisher are based upon records, tests, or experience that Thermo Fisher believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with sufficient knowledge and technical skills to assess and apply their own informed judgment to the information. No license under any Thermo Fisher or third-party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond Thermo Fisher's control and uniquely within user's knowledge and control can affect the use and performance of a Thermo Scientific product in a particular application. Given the variety of factors that can affect the use and performance of a Thermo Scientific product, user is solely responsible for evaluating the Thermo Scientific product, conducting appropriate risk assessments, and determining whether it is fit for a particular purpose and suitable for user's method of application.

Thermo Fisher Scientific BPG GmbH

Oehder Strasse 28

42289 Wuppertal, Germany

 For more information contact your Thermo Fisher Scientific sales representative or visit thermofisher.com/membranesforem

thermo scientific