

Medical temperature management capillary

Membrana HEXPET 60/670 capillary

Product name: Thermo Scientific™ Membrana™ HEXPET™ 60/670 Capillary

Chemical composition

Polymer	Polyethylenterephthalat (PET)
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Physical properties

Wall thickness	60 ± 10 µm
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Outer diameter	790 ± 50 µm
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Inner diameter	670 ± 70 µm
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Tensile strength	≥ 300 cN
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Elongation at break	≥ 100%
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Explosion pressure	≥ 6 bar
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Implosion pressure	≥ 2 bar
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Thermal conductivity [W/°Cm] *	≥ 0.2
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* Value based on literature: Domininghaus, H. "Die Kunststoffe und ihre Eigenschaften, Auflage vol. 5." Springer-Verlag Berlin Heidelberg - VDI Buch 2005.

Available make up configurations**Single-layer mats or cross-wound mats**

All specifications are based on Thermo Fisher Scientific internal test procedures and represent average lot performance.

Intended Use: Membrana HEXPET 60/670 capillary is a transparent capillary which intended to be used as precursor for the production of blood heat-exchanger for oxygenators. Oxygenators are medical devices intended for use in blood oxygenation. Thermo Fisher supplies HEXPET capillaries in the form of knitted mats to oxygenator manufacturers in accordance with specifications and technical product references. 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.

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