

Medical apheresis membrane

Membrana PLASMAPHAN P1 LX capillary membrane

Product name: Thermo Scientific™ Membrana™ PLASMAPHAN™ P1 LX Capillary Membrane

Chemical composition

Polymer	Polypropylene
Residual oil content	≤ 100 ppm

Physical properties

Wall thickness	m 150 µm d ± 25 µm
Inner diameter (nominal)	m 330 µm d ± 50 µm
Tensile strength	≥ 60 cN
Elongation at break	≥ 60%

Membrane performance characteristics

Transmembrane flow (Isopropylalcohol, 37°C)	m 9.3 ml/[min x cm ² x bar] d ± 2.3 ml/[min x cm ² x bar]
Maximum pore size (calculated from BP)	m 0.47 µm d +0.07/-0.06 µm
Bubble point (Isopropylalcohol, 23°C)	m 1.31 bar d +0.19/-0.18 bar

Available make-up configurations

Bundles (customer specified)

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

m = mean value

d = deviation of the mean value

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