

Medical apheresis membrane

Membrana MicroPES TF10 capillary membrane

Product name: Thermo Scientific™ Membrana™ MicroPES™ TF10 Capillary Membrane

Chemical composition	
Polymer	Polyethersulfone
Physical properties	
Wall thickness	m 100 µm d ± 25 µm
Inner diameter (nominal)	m 300 µm d ± 40 µm
Tensile strength	≥ 50 cN
Elongation at break	≥ 30%
Membrane performance characteristics	
Transmembrane flow (water, 25°C)	≥ 35 ml/[min x cm ² x bar]
Maximum pore size (calculated from BP)	m 0.5 µm d ± 0.1 µm
Bubble point (Isopropylalcohol, 23°C)	m 1.22 bar d +0.31/-0.20 bar
Available make up configurations	
Single-thread spools	
Bundles (customer specified)	
Mats	

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

Intended Use: Membrana MicroPES TF10 capillary membranes are intended for use in application for plasma separation such as iv filtration and bioreactor. 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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