

Medical dialysis membrane

Membrana PUREMA S capillary membrane

Product name: Thermo Scientific™ Membrana™ PUREMA™ S Capillary Membrane

Chemical composition

Polymer	Polyethersulfone
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Physical properties

Wall thickness	m 30 µm d ± 5 µm
Inner diameter	m 200 µm d ± 15 µm

Membrane performance characteristics

Hydraulic permeability (ultrafiltration rate for Albumin solution) (QF = 30 ml/(min x m ²))	approx. 50 ml/(h x m ² x mmHg)
Sieving coefficients (QF = 30 ml/(min x m ²))	
Cytochrome c	approx. 0.9
Albumin	approx. 0.005

Available make-up configurations

Bundles (customer specified), with P.E.T.™

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 PUREMA S capillary membranes are specialized products for OEM dialyzer and hemoconcentrator manufacturing. Membrana PUREMA S capillary membrane covers the full range for all extracorporeal renal replacement therapies, i.e., in hemodialysis, hemodiafiltration and hemofiltration. 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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