



# 3M™ Membrana™ MicroPES™ Capillary Membrane, Type TF10

## Chemical Composition

Polymer	Polyethersulfone
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## 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 <sup>2</sup> 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 3M internal test procedures and represent average lot performance.

m = mean value  
d = deviation of the mean value

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