

MicroPES® 0.3/2

DATA SHEET

Sheet No. 459/9021/000 of 03/11
Supersedes 459/9021/000 of 12/04

Hydrophilic Capillary Membrane Type 0.3/2

The intended use is microfiltration

Chemical Composition	Polymer	Polyethersulfone
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Physical Properties

Test Reference No.

Thickness	m 100 µm (≈ 3.94 mil) ± 25 µm (≈ 0.98 mil)	701/018
Inner diameter	m 300 µm (≈ 11.8 mil) ± 40 µm (≈ 1.57 mil)	701/018
Tensile strength	≥ 50 cN/15mm	701/010
Elongation at break	≥ 30%	701/010

Membrane Performance Characteristics

Bubble point (in water)	1.02 bar (≈ 14.8 psi)	701/005
Transmembrane flow (water, 25°C)	≥ 22 ml/(min cm ² bar)	701/044
Retention of Bacteria (Brevundimonas diminuta)	≥ 7 log reduction value	703/022

Available Make-up Configurations

Single-thread spools
Mats, bundles (customer specified)

m = mean value

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