

# DuraPES® 600

## DATA SHEET

Sheet No. 468/0133/000 of 03/11  
Supersedes 468/0133/000 of 11/09

### Hydrophilic Flat Membrane Type 600

The intended use is microfiltration

<b>Chemical Composition</b>	Polymer	Polyethersulfone
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### Physical Properties

### Test Reference No.

Thickness	m 140 µm (≈ 5.512 mil) ± 10 µm (≈ 0.394 mil)	701/013
Tensile strength		
longitudinal	≥ 600 cN/15mm	701/012
transversal	≥ 700 cN/15mm	
Elongation at break		
longitudinal	≥ 20 %	701/012
transversal	≥ 25 %	
Change of length (steam, 121°C)	≤ 3 %	701/027

### Membrane Performance Characteristics

Bubble point (water, 25°C)	m 2.25 bar (≈ 32.63 psi) ± 0.35 bar (≈ 5.07 psi)	701/008
Transmembrane flow (water, 25°C)	≥ 160 ml/(min cm <sup>2</sup> bar) ≥ 10249.24 ml/(min sq ft psi) ≥ 71.18 ml/(min sq in psi)	701/046
Retention of bacteria (Sacch. cerevisiae)	≥ 7 log reduction value	703/023

### Available Make-up Configurations

Rolls

*m = mean value*

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