

# 3M™ Capillary Membrane MF-PP Series, Type Q3/2

Chemical Composition	
Polymer	Polypropylene
Residual oil content	≤ 200 ppm
Wetting property	Hydrophobic

  

Physical Properties	
Wall thickness	200 ± 35 µm (7.9 ± 1.4 mil)
Inner diameter	600 ± 90 µm (23.6 ± 3.5 mil)

  

Membrane Performance Characteristics	
Bubble point (in isopropyl alcohol, 23 °C)	≥ 0.96 bar (≥ 13.9 psi)
Transmembrane flow (isopropyl alcohol, 23 °C)	≥ 5.0 ml/(min cm <sup>2</sup> bar) (≥ 320.3 ml/(min ft <sup>2</sup> bar)) (≥ 2.2 ml/(min in <sup>2</sup> bar))
Retention of bacteria ( <i>brevundimonas diminuta</i> )	≥ 7 log reduction value

  

Available Make-up Configurations	
Bundles (customer specified)	

All specifications are based on 3M internal test procedures.

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info@lenntech.com Tel. +31-152-610-900  
www.lenntech.com Fax. +31-152-616-289