

# 3M™ Capillary Membrane MF-PP Series, Type S6/2

Chemical Composition	
Polymer	Polypropylene
Residual oil content	≤ 100 ppm
Wetting property	Hydrophobic

Physical Properties	
Wall thickness	450 ± 50 µm (17.7 ± 2.0 mil)
Inner diameter	1800 ± 150 µm (70.9 ± 5.9 mil)
Burst pressure	≥ 8 bar (≥ 116 psi)
Implosion pressure	≥ 4 bar (≥ 58 psi)

Membrane Performance Characteristics	
Bubble point (in isopropyl alcohol, 23 °C)	≥ 0.95 bar (≥ 13.8 psi)
Transmembrane flow (isopropyl alcohol, 23 °C)	≥ 2.0 ml/(min cm <sup>2</sup> bar) (≥ 128.1 ml/(min ft <sup>2</sup> bar)) (≥ 0.9 ml/(min in <sup>2</sup> bar))

Available Make-up Configurations	
Bundles (customer specified)	

All specifications are based on 3M internal test procedures.

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