

# 3M™ Capillary Membrane MF-PP Series, Type 300/1200

## Chemical Composition

<b>Polymer</b>	Polypropylene
<b>Residual oil content</b>	≤ 200 ppm
<b>Wetting property</b>	Hydrophobic

## Physical Properties

<b>Wall thickness</b>	300 ± 35 µm (11.8 ± 1.4 mil)
<b>Inner diameter</b>	1175 ± 75 µm (46.3 ± 3 mil)
<b>Burst pressure</b>	≥ 5 bar (≥ 72.5 psi)
<b>Implosion pressure</b>	≥ 3 bar (≥ 43.5 psi)

## Membrane Performance Characteristics

<b>Bubble point (in isopropyl alcohol, 23 °C)</b>	≥ 0.96 bar (≥ 13.9 psi)
<b>Transmembrane flow (isopropyl alcohol, 23 °C)</b>	≥ 4.2 ml/(min cm <sup>2</sup> bar) (≥ 269 ml/(min ft <sup>2</sup> bar)) (≥ 1.9 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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