

3M™ Capillary Membrane MF-PP Series, Type S6/4

Chemical Composition

Polymer	Polypropylene
Residual oil content	≤ 100 ppm
Wetting property	Hydrophobic

Physical Properties

Wall thickness	500 ± 70 µm (19.7 ± 2.8 mil)
Inner diameter	1700 ± 200 µm (66.9 ± 7.9 mil)
Burst pressure	≥ 8 bar (≥ 116 psi)
Implosion pressure	≥ 4 bar (≥ 58 psi)

Membrane Performance Characteristics

Bubble point (in isopropyl alcohol, 23 °C)	≥ 0.7 bar (≥ 10.2 psi)
Transmembrane flow (isopropyl alcohol, 23 °C)	≥ 3.5 ml/(min cm² bar) (≥ 224.2 ml/(min ft² bar)) (≥ 1.6 ml/(min in² bar))

Available Make-up Configurations

Bundles (600 capillaries, length = 1300 mm)

All specifications are based on 3M internal test procedures.

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