



3M™ Membrana™ OXYPHAN™ Capillary Membrane, Type PP 50/280 Mat

Chemical Composition

Polymer	Polypropylene
Solvent residues	≤ 100 ppm

Physical Properties

Wall thickness	50 ± 10 µm
Outer diameter	380 ± 20 µm
Inner diameter (nominal)	280 ± 40 µm
Maximum pore size (calculated from BP)	≤ 0.2 µm
Bubble point (Isopropylalcohol, 23°C)	≥ 3.0 bar
Tensile strength	≥ 150 cN
Elongation at break	≥ 400 %
Explosion pressure	≥ 3.0 bar
Implosion pressure	≥ 3.5 bar

Membrane Performance Characteristics

Nitrogen flux	75 ± 30 ml/[min x cm ² x bar]
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Available Make-up Configurations

Single layer mats or cross-wound mats

All specifications are based on 3M internal test procedures and represent average lot performance.

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