



# 3M™ Membrana™ OXPAN™ Capillary Membrane, Type PP 50/200

## Chemical Composition

Polymer	Polypropylene
Solvent residues	≤ 100 ppm

## Physical properties

Wall thickness	50 ± 10 µm
Outer diameter	300 ± 20 µm
Inner diameter (nominal)	200 ± 40 µm
Maximum pore size (calculated from BP)	≤ 0.2 µm
Bubble point (Isopropylalcohol, 23°C)	≥ 3.1 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 <sup>2</sup> x bar]
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## Available make-up configurations

Single-thread spools
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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