

• Diversified Biotech •

Breathable Membrane Comparison Sheet

Breathe-Easy

Oxygen Exchange Rate

553.5cc/100in²/24 hours

CO₂ Exchange Rate

3781cc/100in²/24 hours

Water Vapor Exchange Rate

0.7kg/ m²/24 hours

Temperature Range

100°C to -80°C

Film Thickness

1mil (0.001")

Material

Polyurethane

Pore Size

No pores

Size

6.00" x 3.25"

UV Transparent

To 300nm

Micro-organisms can't get in or out.
BEM-1 provides a waterproof, sterile barrier to external contaminants including liquids, bacteria and viruses while allowing gas exchange.

Breathe-Easier

Oxygen Exchange Rate

~4.2kg/m²/24 hours

CO₂ Exchange Rate

~4.2kg/m²/24 hours

Water Vapor Exchange Rate

4.2kg/m²/24 hours

Temperature range

80°C to -20°C

Film Thickness

5.5mil (0.005")

Material

Non woven Rayon

Pore Size

No uniform pore size

Size

6.00" x 3.50"