

Technical Data Sheet

Breathe-Easy™ Sealing Membrane

248738

Breathe-Easy provides a gas permeable seal for microwell plates. Plates covered with Breathe-Easy allow a uniform rate of oxygen and CO₂ exchange across the membrane. Promotes contaminant free growth of cell cultures, cellular based biological and immunological assays, cell selection and cell screening.

Plates covered with Breathe-Easy membrane can be inverted and agitated without cross contamination samples. Adhesive is FDA approved and will not interfere with human fibroblast cell growth and division. Resistant to most organic and caustic agents and withstands temperature from -80°C to 100°C.

Specifications

Oxygen Exchange	553.5cc/100 in ² per 24 hours
CO₂ Exchange	3781cc/100 in ² per 24 hours
Water Vapor Exchange	0.7kg/ m ² per 24 hours
Temperature Range	-80°C to 100°C
Film Thickness	1mil (0.001")
Material	Polyurethane
Pore Size	No pores
Dimensions	6.00" x 3.25"
UV Transparent	To 300nm