

Datasheet – Gas Barrier Bag For Technical Diving Oxygen Sensors

Specifications	
Part number	0150040
Description	Gas barrier bag, pack of 100
Application	Technical diving oxygen sensors
Size - internal	3" x 5"
Size - overall	3 13/16" x 5 11/16"
Colour	Transparent
Construction	Polyolefin
Total thickness	4.5 mil
Moisture Vapour Transmission Rate (ASTM F1249)	<0.005g / 100 sq inch during 24 hrs
Oxygen Transmission Rate (MOCON)	0.15cc / 100 sq inch during 24 hrs
Tear Strength (ASTM D1004-66 NOTCHED)	MD: 5.4 lb TD: 6.2 lb
Tensile strength (ASTM D882-83, A)	MD: 12500 psi TD: 12500 psi
Bursting strength (FTMS 191-C, 5122)	120 psi
Puncture strength (FTMS 101-C, 2065.1)	> 21 psi
Heat seal strength (ASTM D-1876-72)	> 12 lb/in
Light transmission (ASTM D1003-77)	>90%
Water resistance (FTMS 101-C, 3028, F)	No delamination

Specifications subject to change

v1.0 10/11/10