

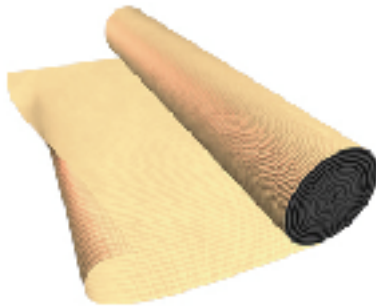
MesaThane™ 2513-UBA

Laminated Thermoplastic Urethane (TPU) with Barrier



Mesa
Laminated Fabrics

Division of Mesa Industries, Inc
Since 1967



Designed for superior vapor transmission rates.

MesaThane 2513-UBA is a reinforced composite laminate engineered with a barrier to achieve an extremely low Vapor Transmission Rate (VTR) and Water Vapor Transmission Rate (WVTR). MesaThane barrier laminates are strongly recommended for environmental and personal protection, military storage units and covers, vapor and fluid containment, industrial and commercial covers, and other applications requiring low vapor transmission.

	Test Method	Standard	Metric
Base Fabric	Mesa	————— Polyester —————	
Finished Product	Mesa	————— Ether based Urethane —————	
Weight	FTMS 191-A-5041	23 oz/yd ²	780 g/m ²
Gauge	Mesa	.025 in	.64 mm
Maximum Width	Mesa	52 in	1.3 m
Tensile Strength Warp	FTMS 191-A-5100	325 lb	147 kg
Tensile Strength Fill	FTMS 191-A-5100	346 lb	157 kg
Tear Strength Warp	ASTM D-2261	106 lb	48 kg
Tear Strength Fill	ASTM D-2261	103 lb	47 kg
Hydrostatic Resistance	FTMS 191-A-5512	551 psi	38.7 kg/cm ²
Puncture Resistance	ASTM D-4833	82.6 lb	37.5 kg
Temperature Range	Mesa	-40°F to 210°F	-40°C to 98.9°C
Water Proof Dye Penetration	Mesa	0	0
Vapor Transmission Rate	ASTM E-96-00	13 g	13 g
Grams per square meter; 24 hours at 90°F, 50% relative humidity			
Water Vapor Transmission Rate	MIL-P-58102	.08 g	.08 g
Grams per 100 square inches; 24 hours at 90°F, 50% relative humidity			
Seam Methods	Mesa	Radio Frequency (RF) and Heat	

Values represent nominal average value properties. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.



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