

MesaThane™ 1809-UBA2

Laminated Thermoplastic Urethane (TPU) with Barrier



Designed for superior vapor transmission rates.

MesaThane 1809-UBA2 is a reinforced urethane laminate featuring an exclusive double barrier to achieve very low permeability rates. 1809-UBA2 also offers superior chemical resistance, abrasion resistance, tensile strength and flexibility.

	1809-UBA2
Base Fabric	Polyester
Finished Product	Urethane
Weight	18.5 oz/sq yd
FTMS 191A-5041	
Gauge	.020 in
Maximum Width	52 in
Tensile Strength Warp	101 lb
FTMS 191-A-5100	
Tensile Strength Fill	105 lb
FTMS 191-A-5100	
Tear Strength Warp	30 lb
ASTM D-2261	
Tear Strength Fill	35 lb
ASTM D-2261	
Hydrostatic Resistance	150 psi
FTMS 191-A-5512	
Puncture Resistance	60 lb
ASTM D-4833	
Abrasion Resistance (cycles)	194
Taber Wheel H-18 / 1kg	*No fabric exposure
Water Vapor Transmission	0.448 g/m ²
ASTM E-96-B	50% relative humidity 90°F (32 °C) 24 hours



1809-UBA2 Applications

- Personal Protection
- Collapsible Storage Tanks
- Pillow Tanks
- Secondary Containment
- Vapor and Liquid Storage Tanks
- Vapor Bladders
- Tank Seals
- Pond Liners
- Environmental Applications
- Military Applications
- Medical Applications
- Custom Applications

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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