

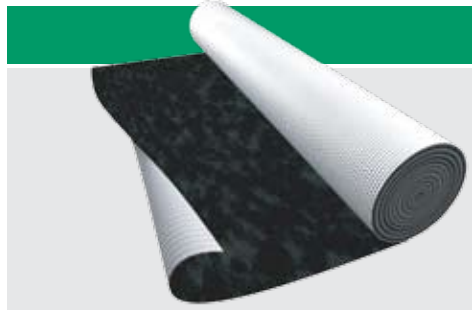
MesaThane™ 6036BA

Laminated Thermoplastic Urethane (TPU) with Barrier



Mesa
Laminated Fabrics

Division of **MI** Mesa Industries, Inc
Since 1967



Designed for superior strength and VTR rates.

MesaThane 6036BA is a reinforced premium-grade urethane laminate that incorporates an exclusive vapor barrier to achieve exceptionally low vapor transmission rates. Applications include tank seals, vapor collection bladders, collapsible storage tanks, medical fabric applications, military equipment covers, protective attire and environmental protection/emission reduction products.

	6036-20BA	6036-25BA	6036-35BA	6036-45BA	6036-55BA
Base Fabric	Polyester				
Finished Product	Urethane				
Weight	14.1 oz/yd ²	18.3 oz/yd ²	30 oz/yd ²	35 oz/yd ²	45 oz/yd ²
FTMS 191-A-5041	478 g/m ²	621 g/m ²	1017 g/m ²	1187 g/m ²	1526 g/m ²
Gauge	.020 in .51 mm	.025 in .64 mm	.035 in .89 mm	.045 in 1.14 mm	.055 in 1.40 mm
Maximum Width	52 in (1.3 m)				
Tensile Strength Warp	101 lb	197 lb	248 lb	253 lb	258 lb
FTMS 191-A-5100	449 N	876 N	1103 N	1125 N	1148 N
Tensile Strength Fill	105 lb	188 lb	255 lb	261 lb	265 lb
FTMS 191-A-5100	467 N	836 N	1134 N	1161 N	1179 N
Tear Strength Warp	30 lb	53 lb	55 lb	57 lb	57 lb
ASTM D-2261	134 N	236 N	245 N	254 N	254 N
Tear Strength Fill	33 lb	56 lb	59 lb	60 lb	60 lb
ASTM D-2261	147 N	249 N	263 N	267 N	267 N
Hydrostatic Resistance	150 psi	320 psi	410 psi	450 psi	465 psi
FTMS 191-A-5512	1.03 MPa	2.21 MPa	2.83 MPa	3.10 MPa	3.21 MPa
Puncture Resistance	60.1 lb	77.3 lb	90 lb	96.3 lb	96.3 lb
ASTM D-4833	267 N	344 N	400 N	428 N	428 N
Temperature Range	-40°F to 210°F (-40°C to 98.9°C)				
Abrasion Resistance (cycles)	2,650*	5,000*	15,000*	45,000*	60,000*
Taber Wheel H-18 / 1kg	*No fabric exposure				
Vapor Transmission Rate	13.5 g	13 g	12.4 g	12 g	12 g
ASTM E-96-00	grams per m ² in 24 hours at 90°F and 50% relative humidity				

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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