

MesaThane™ 6036

Laminated Thermoplastic Urethane (TPU)



Designed for superior strength and flexibility.

MesaThane 6036 is a reinforced premium-grade urethane laminate featuring superior chemical, abrasion and puncture resistance. It is compatible with 100% aromatic hydrocarbon vapors, gasoline, crude oil and many other chemicals. 6036 offers excellent tensile strength and flexibility. MesaThane 6036 applications include storage tank seals, collapsible storage tanks, secondary containment, vapor collection bladders, conveyor belts and other custom applications.

	6036-13	6036-20	6036-25	6036-35	6036-45	6036-55
Base Fabric (Reinforcement)	Polyester					
Finished Product	Urethane					
Weight	9 oz/yd ²	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	305 g/m ²	478 g/m ²	621 g/m ²	1017 g/m ²	1187 g/m ²	1526 g/m ²
Gauge	.013 in .33 mm	.020 in .51 mm	.025 in .64 mm	.035 in .89 mm	.045 in 1.14 mm	.055 in 1.40 mm
Standard Width	60 in (1.5 m)					
Tensile Strength Warp	105 lb	101 lb	197 lb	248 lb	253 lb	258 lb
FTMS 191-A-5100	467 N	449 N	876 N	1103 N	1125 N	1148 N
Tensile Strength Fill	100 lb	105 lb	188 lb	255 lb	261 lb	265 lb
FTMS 191-A-5100	445 N	467 N	836 N	1134 N	1161 N	1179 N
Tear Strength Warp	28 lb	30 lb	53 lb	55 lb	57 lb	57 lb
ASTM D-2261	125 N	134 N	236 N	245 N	254 N	254 N
Tear Strength Fill	35 lb	33 lb	56 lb	59 lb	60 lb	60 lb
ASTM D-2261	156 N	147 N	249 N	263 N	267 N	267 N
Hydrostatic Resistance	143 psi	150 psi	320 psi	410 psi	450 psi	465 psi
FTMS 191-A-5512	.99 MPa	1.03 MPa	2.21 MPa	2.83 MPa	3.10 MPa	3.21 MPa
Puncture Resistance	45 lb	60.1 lb	77.3 lb	90 lb	96.3 lb	96.3 lb
ASTM D-4833	200 N	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) Taber Wheel H-18 / 1kg	1,500*	2,650*	5,000*	15,000*	45,000*	60,000*
	*No fabric exposure					

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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