

# MesaThane™ 6036AS

## Laminated Thermoplastic Urethane (TPU)



**Anti-Static material with nondegradeable properties**



**MesaThane 6036AS** is a reinforced premium-grade urethane laminate featuring superior anti-static properties. 6036AS also offers excellent chemical, abrasion and puncture resistance. It is compatible with 100% aromatic hydrocarbon vapors, gasoline, crude oil and many other chemicals.

	6036-13AS	6036-20AS	6036-25AS	6036-35AS	6036-45AS	6036-55AS
Base Fabric	Polyester					
Finished Product	Urethane					
Weight	9 oz/yd <sup>2</sup>	14.1 oz/yd <sup>2</sup>	18.3 oz/yd <sup>2</sup>	30 oz/yd <sup>2</sup>	35 oz/yd <sup>2</sup>	45 oz/yd <sup>2</sup>
FTMS 191A-5041	305 g/m <sup>2</sup>	478 g/m <sup>2</sup>	621 g/m <sup>2</sup>	1017 g/m <sup>2</sup>	1187 g/m <sup>2</sup>	1526 g/m <sup>2</sup>
Gauge	.013 in	.020 in	.025 in	.035 in	.045 in	.055 in
	.33 mm	.51 mm	.64 mm	.89 mm	1.14 mm	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	47.63 kg	45.81 kg	89.36 kg	112.49 kg	114.76 kg	117.03 kg
Tensile Strength Fill	100 lb	105 lb	188 lb	255 lb	261 lb	265 lb
FTMS 191-A-5100	45.36 kg	47.63 kg	85.28 kg	115.67 kg	118.39 kg	120.2 kg
Tear Strength Warp	28 lb	30 lb	53 lb	55 lb	57 lb	57lb
ASTM D-2261	12.7 kg	13.61 kg	24.04 kg	24.95 kg	25.85 kg	25.85 kg
Tear Strength Fill	35 lb	33 lb	56 lb	59 lb	60 lb	60 lb
ASTM D-2261	15.88 kg	14.97 kg	25.4 kg	26.76 kg	27.22 kg	27.22 kg
Hydrostatic Resistance	143 psi	150 psi	320 psi	410 psi	450 psi	465 psi
FTMS 191-A-5512	10.1 kg/cm <sup>2</sup>	10.6 kg/cm <sup>2</sup>	22.5 kg/cm <sup>2</sup>	28.8 kg/cm <sup>2</sup>	31.6 kg/cm <sup>2</sup>	32.7 kg/cm <sup>2</sup>
Puncture Resistance	45 lb	60.1 lb	77.3 lb	90 lb	96.3 lb	96.3 lb
ASTM D-4833	20.4 kg	27.26 kg	35.06 kg	40.8 kg	43.68 kg	43.68 kg
Temperature Range	-40°F to 210°F ( -40°C to 98.9°C )					
Abrasion Resistance (cycles)	1,500*	2,650*	5,000*	15,000*	45,000*	60,000*
Taber Wheel H-18 / 1kg	*No fabric exposure					
Surface Resistivity	1 x 10 <sup>11</sup> Ohms <sup>2</sup>					
ASTM D-257						

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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