

MesaThane™ 6036CWNBA

Laminated Thermoplastic Urethane (TPU)



Base Fabric	Nylon
Finished Product	Urethane
Weight	38 oz/yd ²
191A-5041	1,288 g/m ²
Gauge	.045 in
	1.14 mm
Tensile Strength, Warp	347 lb
191A-5102	1,544 N
Tensile Strength, Fill	325 lb
191A-5102	1,446 N
Tear Strength, Warp	25 lb
191A-5134, Tongue	447 kg/m
Tear Strength, Fill	25 lb
191A-5134, Tongue	447 kg/m
Hydrostatic Resistance, psi	450
191A-5512	3.1 Mpa
Elongation, Warp	25%
191A-5102	
Elongation, Fill	38%
191A-5102	
Temperature Range	-40 °F to 175 °F
	-40 °C to 79.4 °C

Vapor Transmission Rate 12 g*
 ASTM-E-96-00
 * grams per m² in 24 hr at 90° F, 50% relative humidity

VTR tests were conducted per modified ASTM E 96-00 with 50/50 mix of Isooctane and Toluene vapors

Abrasion Resistance 4500 cycles
 TPU Removed .716 g
 Taber, H-18 wheel at 1,00 gram load

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.



MesaThane 6036.045CWNBA is an ether based urethane laminate including closely woven nylon base fabric and vapor barrier. This material is designed for applications requiring superior tensile strength and low permeability.



MesaThane is produced in-house to ensure quality control over each stage of the lamination process.



MLF-6036CWNBA-10

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