

PRODUCT SPECIFICATIONS

Reinforced Polyethylene 36 mil (RPE)

1.0 MATERIAL PROPERTIES	Standard	Metric	ASTM TEST METHODS
1.1 Thickness	35+2 mils	0.89+0.05 mm	D5199
1.2 Total Weight (nominal)	22 oz/yd ²	746 g/m ²	D5261
1.3 Tensile Strength, Grab			D7004
Warp	250 lbs	1112 N	
Fill	250 lbs	1112 N	
1.4 Tensile Elongation, Grab			D7004
Warp	25 %	25 %	
Fill	25 %	25 %	
1.5 Tear Strength, Tongue			D5884
Warp	80 lbs	356 lbs	
Fill	80 lbs	356 lbs	
1.6 Puncture Strength	85 lbs	378 N	D4883
1.7 Ply Adhesion	20 lbs/in	35 N/cm	D6636
1.8 Low Temperature Bend	-70 F	-57 C	D2136
1.9 Abrasion Resistance	15,000 cycles	15,000 cycles	D3389

MEETS GRI GM-25 (Category 2 – Moderate) Specification

The information contained herein or that is supplied by us, or on our behalf, is based upon data obtained through our own research and is considered accurate. However, No Warranty is expressed or implied regarding the accuracy of this data, the results obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.