

## **5235 FOIL / SCRIM / CO-POLYMER FILM**

<b>FACING COMPOSITION</b>	<b>DESCRIPTION</b>	<b>VALUES (ENGLISH)</b>	<b>VALUES (METRIC)</b>
Foil	Aluminum	0.0007 inch	17.8 microns
Reinforcement	Bi-directional Fiberglass	5 / inch (MD) 5 / inch (XD)	20 / 100 mm (MD) 20 / 100 mm (XD)
Adhesive Film	Polymeric Heat Seal Co-Polymer	0.00125 inch	31.8 microns

### **Tentative Specification**

<b>PHYSICAL PROPERTIES</b>	<b>TEST METHOD</b>	<b>VALUES (ENGLISH)</b>	<b>VALUES (METRIC)</b>
Basis Weight	Scale	18.4 lbs / 1000 ft <sup>2</sup>	90 g / m <sup>2</sup>
Caliper / Thickness	Micrometer	0.0072 inch	182.9 microns
Mullen Burst	ASTM D774	52 psi	358 kPa
Tensile Strength	ASTM C1136	20 lbs / inch width (MD) 25 lbs / inch width (XD)	3.5 kN / m (MD) 4.5 kN / m (XD)
Low Temperature Resistance	ASTM D1790 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	10 minutes @ 401°F (205°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	48 hours @ 73°F (23°C)	No Delamination	No Delamination
Flammability	FMVSS 302-98	Meets Requirement	Meets Requirement

**Physical Properties based upon statistical averages**