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TECHNICAL DATA SHEET

5116 Aluminum Foil with Heat-Activated Co-Polymer Backing

COMPOSITION

		THICKNESS	
Foil	1100 Grade Aluminum	0.003 in (3 mil)	76.2 micron
Adhesive Film	High-Temperature Co-Polymer Heat Seal	0.00125 in (1.25 mil)	31.8 micron

PHYSICAL PROPERTIES*

	TEST METHOD	VALUE	
Basis Weight	Scale	48.6 lbs/1000 ft ²	237.6 g/m ²
Caliper/Thickness	Micrometer	0.0043 in (4.3 mil)	109.2 micron
Mullen Burst	ASTM D774	110 psi	758 kPa
Tensile Strength	ASTM C1136	30 lbs/inch width (MD) 30 lbs/inch width (MD)	5.25 kN/m (MD) 5.25 kN/m (XD)
Low Temperature Resistance	ASTM D1263 (-40°F/40°C)	Remains flexible No delamination	
High Temperature Resistance	10 minutes @ 401°F/205°C	Remains flexible No delamination	
Water Immersion	48 hours @ 73°F (23°C)	No delamination	

*Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

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