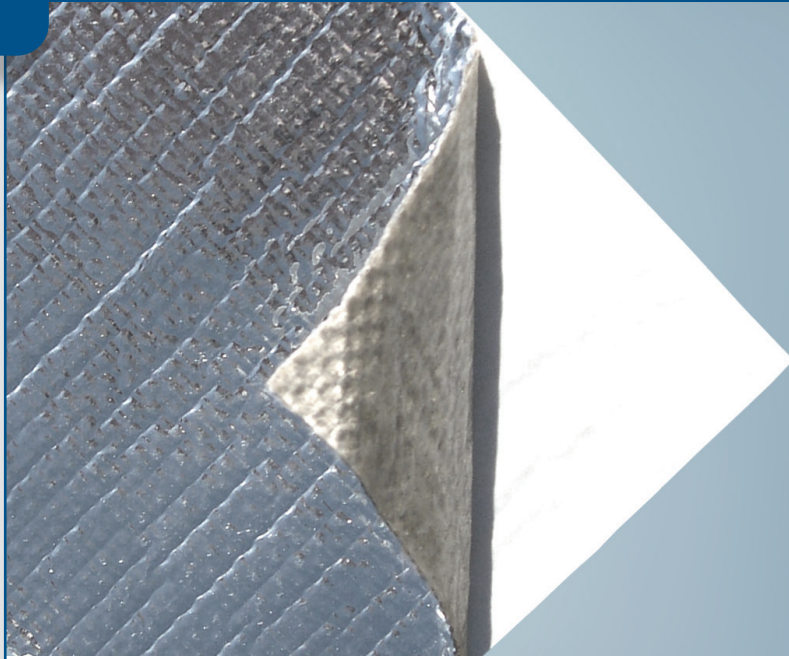


## Product Highlights

- Operating temperature up to +200°C (+392°F)
- Self-adheres directly onto component
- Easy installation
- Provides superior protection against radiant heat
- Available in custom designs

## Typical Applications

- Any area where self-adhering thermal protection system is required
- Blow-molded Plastic Components



**Therm-L-Gard™ A** is a woven fiberglass fabric with aluminum foil laminated to its outer layer and a pressure sensitive adhesive on the inner layer. The unique multipolymer adhesive exhibits high adhesion to low surface energy plastics such as HDPE, polypropylene and gas filled polypropylene.

Therm-L-Gard A provides superior protection from radiant heat for plastic components and areas where a self-adhering, thermal protection system is required. Therm-L-Gard A can also be applied to metal heat shields to increase their thermal performance and slit to custom widths and lengths or die-cut to complex geometric shapes.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – Therm-L-Gard™ A

Property	Test Method	Result
<b>Operating Temperature</b>		Up to +200°C (+392°F)
<b>Horizontal Flammability</b>	SAE J369	Self Extinguishing
<b>Tear Resistance, N</b>		
Warp	ASTM D 1117	188
Fill	ASTM D 5733	193
<b>Tensile Strength, N/cm<sup>2</sup></b>	ASTM D 5035	
Warp		5,741 (warp)
Fill		7,934 (fill)
<b>Low Temperature Resistance</b>	BH 100-106C	Product Resistant to -40°C (-40°F)

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Construction and Typical Product Characteristics

<b>ASTM-D1777</b>	Thickness	Average = .0180 / .4559 (in/mm)
<b>ASTM-D3776</b>	Weight	Average = 499.26 / .92032 (in/mm)

## Availability

Therm-L-Gard A is available in a variety of complex geometric shapes. Please consult with the factory for dimensional limitations and tolerances. Tooling charges vary by design. Specifications are subject to change without notice. Finish is aluminum.



**United States:** (1) 800 926 2472 • **México:** (52) 442 101 8100 • **Brazil:** (55) 19 3116 1600

**EMEA:** (33) 3 44 39 06 06 • **Japan:** (81) 45 330 0300 • **China:** (86) 21 6182 7560

**Southeast Asia:** (66) 35 276 400 • **Korea:** (82) 44 861 6368 • **India:** (91) 124 4784565

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