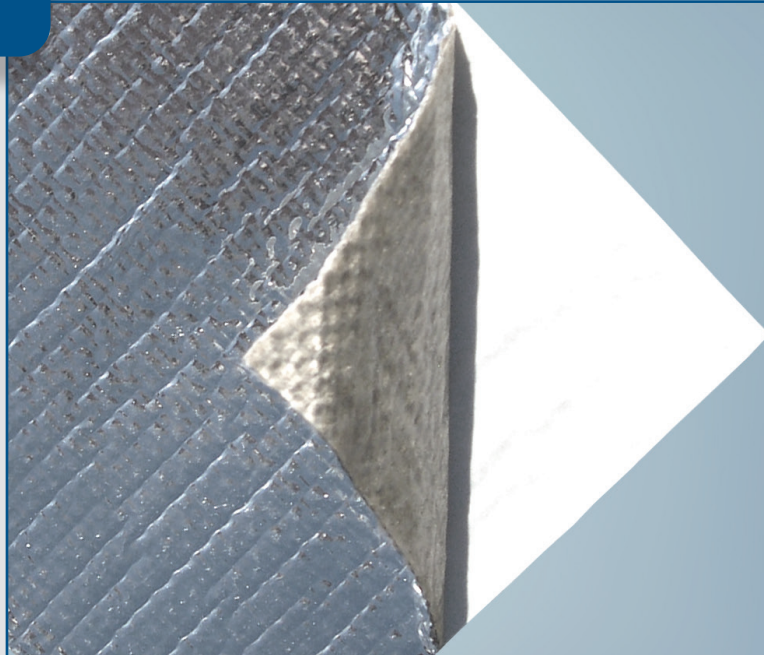


Product Highlights

- 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
Operating Temperature		Up to +200°C (+392°F)
Horizontal Flammability	SAE J369	Self Extinguishing
Tear Resistance, N		
Warp	ASTM D 1117	188
Fill	ASTM D 5733	193
Tensile Strength, N/cm²	ASTM D 5035	
Warp		5,741 (warp)
Fill		7,934 (fill)
Low Temperature Resistance	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

ASTM-D1777	Thickness	Average = .0180 / .4559 (in/mm)
ASTM-D3776	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
www.systemsprotection.com

