

## Product Highlights

- Operating temperature up to +175°C (+347°F)
- Maintains a round profile against radiant heat
- Fray resistant
- Excellent thermal protection
- Attractive appearance
- Customizable for increased installation benefit

## Typical Applications

- Sensors
- Connectors



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



**Therm-L-Gard™ V** is an aluminized, high bulk sleeve designed to provide thermal protection in high temperature environments. The outer layer is composed of an aluminum and glass fabric with the inner layer being composed of non-woven polyester.

Therm-L-Gard V maintains a round profile creating an air gap that maximizes the level of protection for sensors or connectors. Therm-L-Gard V is also available with a four or eight tine end cap that's engineered to accommodate a range of convolute sizes while allowing flexibility in the installation process.

Therm-L-Gard V is customizable (angle cuts, notches, slits, etc.) which provides additional installation benefits by maximizing the protected area along with helping to locate the product in complex applications.

# Performance Data – Therm-L-Gard™ V

Property	Test Method	Result
Temperature Rating	168 hours at +175°C (+347°F)	No degradation
Thermal Endurance	BH100-503	No degradation or delamination (25mm above a +538°C heat source for 6 hours)
Low Temperature Resistance	BH100-016C	Pass -40°C (-40°F)
Flammability	SAE J369	Self-extinguishing
Fluid Resistance	BH100-003B	Pass

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

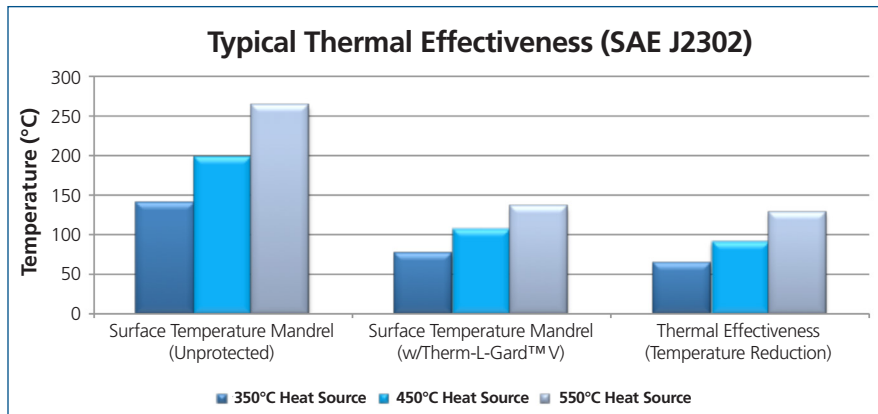
Outer Layer	Aluminum/Fiberglass
Inner Layer	Polyester (PET) non-woven

## Availability

Therm-L-Gard™ V is a customizable product that is available in inner diameters of 25mm, 32mm and 38mm and cut to your specification. Color is aluminum (silver).

Please contact your sales representative for availability.

## Thermal Effectiveness of Sleeving Insulation



Note: Mandrel is parallel to and 25mm (1") away from heat source