

Product Highlights

- Operating temperature up to +150°C (+302°F)
- Excellent protection against radiant heat
- Flexible
- Fluid and chemical resistant
- Tubular construction no sew line
- Low Profile

Typical Applications

- Brake tubes and hoses
- Power steering hoses
- Cable assemblies
- Heater hoses
- Air conditioning hoses
- Wire Harnesses



Therm-L-Lite® is reinforced, aluminized polyester sleeve designed to protect components in high temperature environments. The external surface is composed of a highly reflective aluminum foil, which provides radiant heat protection for internal components. The internal layer is composed of a polyester non-woven material, which provides added insulation efficiency. A layer of fiberglass scrim contributes to both product flexibility and durability.

Therm-L-Lite was designed with a combination of materials used to produce an engineered solution for wire harnesses and other components in close proximity to engine and exhaust systems. Therm-L-Lite provides a cost-effective, non-skin-irritating alternative to current radiant heat products.



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

Performance Data – Therm-L-Lite®

Property	Test Method	Result
Temperature Rating	240 hours at +175°C (+150°C rating)	Pass +150°C (+302°F)
Thermal Endurance	BH100-503	No degradation or delamination (25mm above a +538°C heat source for 6 hours)
Low Temperature Flexibility	BH100-016A	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.

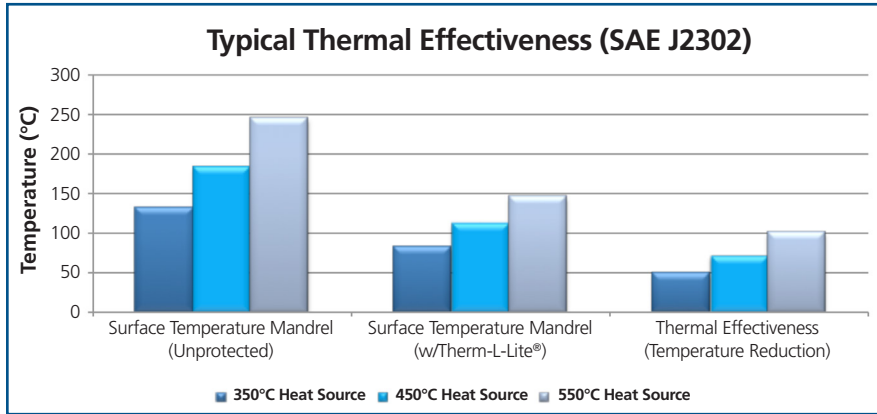
Construction and Typical Product Characteristics

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

Availability

Therm-L-Lite® is available in a range of sizes 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



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