



Product Highlights

- Operating temperature up to +200°C (+392°F)
- Excellent radiant and convective heat protection
- Self-wrapping design allows for break-outs
- Lightweight, flexible & easy to install
- Fluid and chemical resistant

Typical Applications

- Engine compartment applications
- Wire harnesses
- Brake & fuel lines
- Tube, hose & cable assemblies

Therm-L-Wrap™ is a self-wrapping, reflective sleeve designed to provide thermal protection for both radiant and convective heat applications. Composed of a woven fiberglass base fabric and a lamination of aluminum foil, the product can withstand convective heat soaks up to +200°C (+392°F) and simultaneously protect critical components from radiant or reflected heat.

The self-wrapping design of Therm-L-Wrap allows for quick and easy installation with a self-sealing adhesive reinforcement for permanent closure. The adhesive strip acts as a barrier to dirt and fluids while maintaining the full integrity of the finished aluminized sleeve.



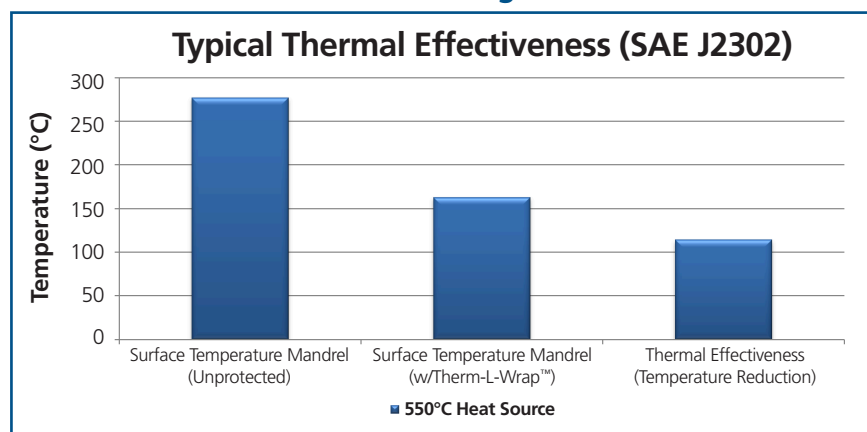
Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – Therm-L-Wrap™

Property	Test Method	Result
Temperature Rating	240 hours at +225°C (200°C rating)	Pass +200°C (+392°F)
Thermal Endurance	No degradation or delamination (25mm above a 538°C heat source for 6 hours)	Pass
Low Temperature Flexibility	SAEJ2192	Pass -40°C (-40°F)
Flammability	SAE J369	Self-extinguishing
Fluid Resistance	SAEJ2192	Pass
Tensile Strength - Warp	ASTM D5035	Warp: 250 lbf/in. min.

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

Thermal Effectiveness of Sleeving Insulation



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

Construction / Characteristics

Outer Layer	Reflective Laminate
Inner Layer	Warp Yarn: Fiberglass multifilament Fill Yarn: Polyester (PET) monofilament

Availability

Standard sizes are listed here. Additional sizes could be available upon request.

Available in custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Please consult your local sales representative for regional packaging details and standards.

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
Therm-L-Wrap 6	6
Therm-L-Wrap 8	8
Therm-L-Wrap 10	10
Therm-L-Wrap 13	13
Therm-L-Wrap 16	16
Therm-L-Wrap 19	19
Therm-L-Wrap 25	25
Therm-L-Wrap 29	29
Therm-L-Wrap 32	32
Therm-L-Wrap 38	38

* Based on the product's closure and/or self-locating design, there could be variables that impact size selection. Please consult your local sales representative for recommendations and guidance to ensure proper functionality and optimized performance for your application.



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