

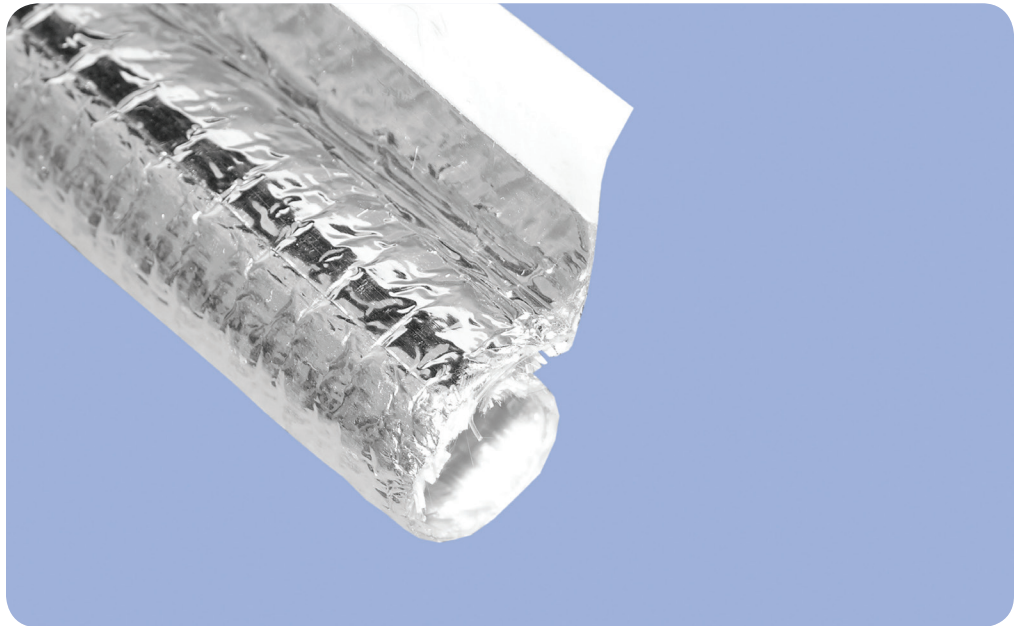


THERMAL MANAGEMENT

# Therm-L-Wrap™

## Product Highlights

- Excellent Radiant Heat Protection
- Convective Heat Protection up to +200°C (+392°F)
- Self-Wrapping Design
- Flexible
- Fluid and Chemical Resistant



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

The unique woven structure imparts a level of flexibility not found in other reflective products. It also allows the product to maintain a circular profile when flexed.

The self-wrapping design of Therm-L-Wrap allows for quick and easy installation while the addition of a self-sealing adhesive reinforcement allows 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, ISO/TS 16949, or AS/EN 9100, and ISO 14001

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Protection Products

# Performance Data – Therm-L-Wrap™

Property	Test Method	Result
Thermal Endurance (Heat Soak) 6 hrs at 200°C		No Delamination
Flammability	ASTM D-350, Method B	Self Extinguishing
Tear Strength	ASTM D-5733	Warp: 250 lbs. avg.
Tensile Strength	ASTM D-5035	Warp: 250 lbs. avg.
Fluid Resistance	BH 100-003B	No Delamination in Standard Automotive Fluids

All numeric data shows average or typical values.

## Product Specifications

Commercial Part Number	Recommended Application Range mm (in)	
	Min Ø	Max Ø
Therm-L-Wrap 6-ALU	4 (1/6")	6 (1/4")
Therm-L-Wrap 8-ALU	6 (1/4")	8 (5/16")
Therm-L-Wrap 10-ALU	8 (5/16")	10 (3/8")
Therm-L-Wrap 13-ALU	10 (3/8")	13 (1/2")
Therm-L-Wrap 16-ALU	13 (1/2")	16 (5/8")
Therm-L-Wrap 19-ALU	16 (5/8")	19 (3/4")
Therm-L-Wrap 25-ALU	19 (3/4")	25 (1")
Therm-L-Wrap 29-ALU	25 (1")	29 (1-1/8")
Therm-L-Wrap 32-ALU	29 (1-1/8")	32 (1-1/4")
Therm-L-Wrap 38-ALU	32 (1-1/4")	38 (1-1/2")

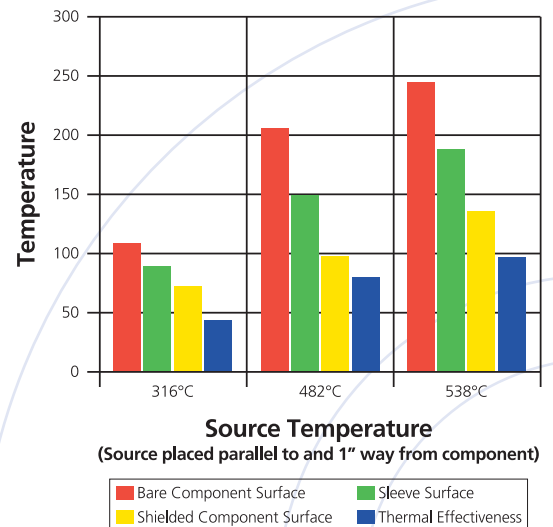
## Cutting Tolerances

Length (mm)	Tolerance (mm)
Less than (lt) 25	± 1.6
25 to lt 75	± 3.2
75 to lt 150	± 4.8
150 to lt 300	± 6.4
300 to lt 900	± 12.7
900 to lt 1067	± 25.4

## Part Numbering System

Example	Product Name	Size	Color
	Therm-L-Wrap 13-ALU	13	Alu

## Thermal Effectiveness of Sleeve Insulation



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