



## Product Highlights

- Operating temperature from -60°C to +200°C (-76°F to +392°F)
- Excellent radiant heat protection
- Excellent EMI shielding performance
- FAR Part 25.853
- Self-wrapping design
- Flexible
- Fluid and chemical resistant

**Therm-L-Wrap™ 66** 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 66 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, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – Therm-L-Wrap™ 66

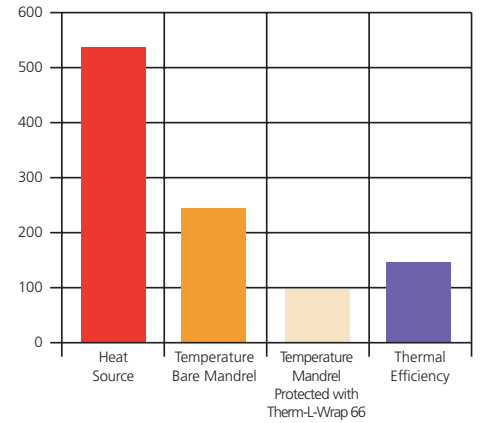
Property	Test Method	Result
<b>Aging</b>	EN6059-302 (168 hrs. at +200°C)	Pass
<b>Salt Spray</b>	EN2591-307 (96 hrs.)	Pass
<b>Flammability / Smoke Density / Toxicity</b>	ABD0031 & FAR Part 25, paragraph 853	Pass
<b>EMI Performance</b>		
<b>Test Method:</b> Transfer impedance EC60512-23-3 Size tested = 13 mm  <b>Result:</b> 70 dB at 100 MHz, R0 = 15 mΩ		
<b>Thermal Performance</b>	SAE J2302 (Hot Box 540°C)	147°C reduction (See graph below)
Resistance to Fluid Spray Synthetic hydraulic fluid (Skydrol 500 B4) Synthetic hydraulic fluid (Skydrol LD4) Cleaning fluid (25% propanol + 75% white spirit)	EN6059-303	Remained stuck after fluid spray

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

## Product Specifications

Commercial Part Number	Recommended Application Range mm (in)		Max Weight g/m (lbs/ft)
	Min Ø	Max Ø	
Therm-L-Wrap 66 10	9 (23/64")	11 (7/16")	32 (0.021)
Therm-L-Wrap 66 13	12 (15/32")	14 (35/64")	54 (0.036)
Therm-L-Wrap 66 16	14 (35/64")	17 (43/64")	58 (0.039)
Therm-L-Wrap 66 19	15 (19/32")	20 (25/32")	68 (0.046)
Therm-L-Wrap 66 25	21 (53/64")	26 (1-1/32")	96 (0.064)

Thermal Efficiency (Hot Box) SAE J2302  
 Size 13mm (1/2") Expressed in °C  
 Heat source located 25mm (1") from the mandrel



## Product Available in Straight Cut Lengths Only

50 to 500 mm	+/- 5 mm
501 to 1000 mm	+/- 10 mm

## Part Numbering System

Example	Product Name	Size	Color	Cut length	Quantity
	Therm-L-Wrap 66	13	Silver	100 mm	50 pieces

**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  
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