



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

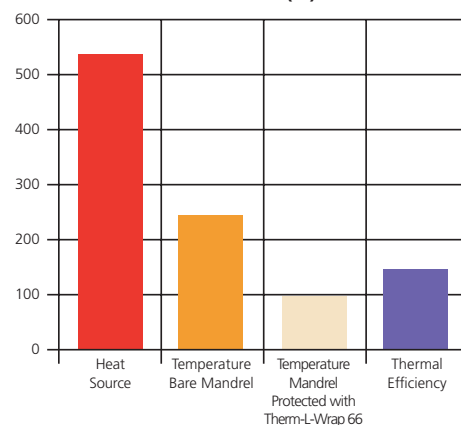
Property	Test Method	Result
Aging	EN6059-302 (168 hrs. at +200°C)	Pass
Salt Spray	EN2591-307 (96 hrs.)	Pass
Flammability / Smoke Density / Toxicity	ABD0031 & FAR Part 25, paragraph 853	Pass
EMI Performance		
Test Method: Transfer impedance EC60512-23-3 Size tested = 13 mm Result: 70 dB at 100 MHz, R0 = 15 mΩ		
Thermal Performance	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	8 (5/16")	11 (7/16")	32 (0.021)
Therm-L-Wrap 66 13	10 (3/8")	14 (35/64")	54 (0.036)
Therm-L-Wrap 66 16	13 (1/2")	17 (43/64")	58 (0.039)
Therm-L-Wrap 66 19	16 (5/8")	20 (25/32")	68 (0.046)
Therm-L-Wrap 66 25	19 (3/4")	26 (1-1/32")	96 (0.064)

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

Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565

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