



THERMAL MANAGEMENT

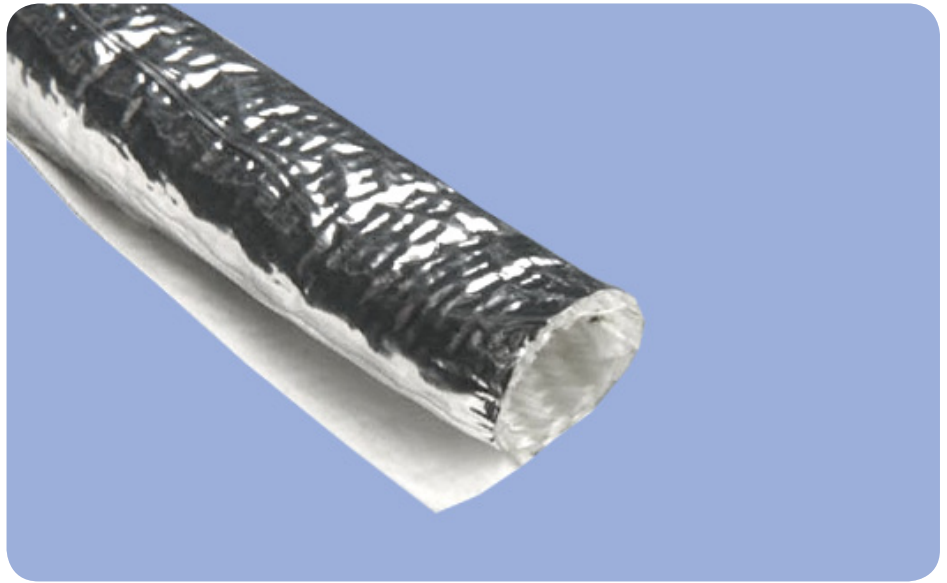
ReflexWrap™ 1466

Product Highlights

- Operating temperature up to 200°C
- Self-closing tubular design
- Excellent radiant heat protection
- Fluid and chemical resistant
- Easy to apply
- Flexible

Typical Applications

- Engine harnesses
- Tubing and cables



ReflexWrap™ 1466 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 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 ReflexWrap™ 1466 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 9000, QS 9000 or ISO/TS 16949 and ISO 14001

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BentleyHarris®
Protection Products

Performance Data – ReflexWrap™ 1466

Property	Test Method	Result
Thermal Performance	SAE J2302	See graph below
Flammability	FMVSS 302 D45 1333	Self extinguishing Type B
Heat Aging	ISO 6722	No visible damage, no cracks, no delamination
Fluid Resistance	D47 1924	No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> immersion for 15s at 22°C followed by a drying period of 24h at 150°C : motor oil, protection oil, automatic transmission fluid, mineral hydraulic fluid, zinc chloride (drying at 23°C) immersion for 2h at 70°C followed by a drying period of 4h at 23°C: battery fluid immersion for 24h at 70°C : windshield cleaner and at 118°C: engine coolant

All numeric performance data shows average or typical values.

Standard Sizes

Commercial Part Number	Nominal Internal Diameter (mm)	Packaging (m)
ReflexWrap 1466 10	10	Only available in cut parts
ReflexWrap 1466 13	13	
ReflexWrap 1466 19	19	
ReflexWrap 1466 25	25	

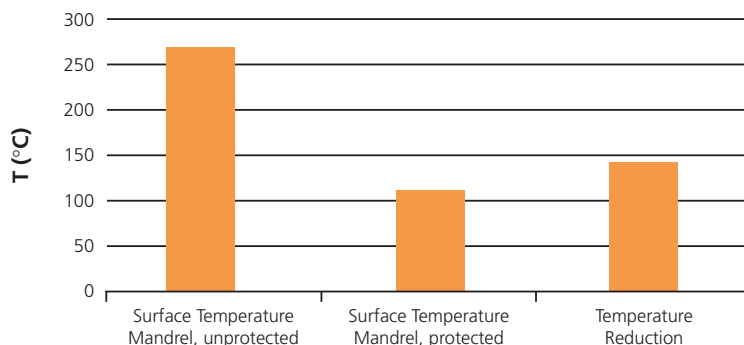
Availability

ReflexWrap 1466 is available in a range of sizes from 10 mm to 25 mm. ReflexWrap 1466 is available in cut pieces to the following specifications:

- Recommended standard cut length \leq 500 mm are in 5 mm increments,
- Recommended standard cut length \geq 501 mm are in 10 mm increments.

Packaging is in accordance with GALIA Standard (ODETTE). Finish is aluminum.

Thermal Performance (SAE J2302)



Heat Source Temperature: 537 °C, 15 mm below ceramic mandrel.
Diameter of the ceramic mandrel: 10 mm.
Diameter of the sleeve: 13 mm.

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