



THERMAL MANAGEMENT

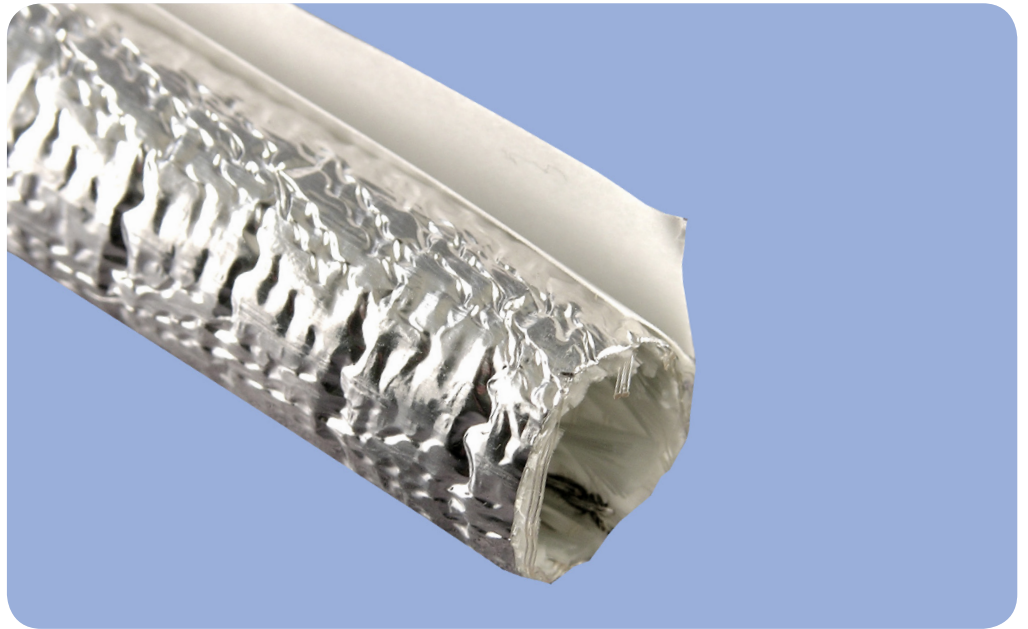
ReflexWrap™ 1466

Product Highlights

- Operating temperature up to +200°C (+392°F)
- 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 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

RW1466_02192018

BentleyHarris®
Protection Products

Performance Data – ReflexWrap™ 1466

Property	Test Method	Result
Temperature Rating	3000 hours at +200°C 240 hours at +250°C	No visible damage, no cracks, no delamination Maintains its properties
Flammability	FMVSS 302 D45 1333	Pass Self-extinguishing Type B
Thermal Effectiveness	SAE J2302	See graph below
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 23°C, followed by a drying period of <ul style="list-style-type: none"> – 24h at 150°C: motor oil, automatic transmission oil, manual transmission oil. – 24h at 23°C: zinc chloride, brake fluid. • Immersion for 48h at 70°C, followed by a drying period of 24h at 23°C: Urea of clean up Ad blue. • In vapour for 2h at 70°C, followed by a drying period of 4h at 23°C: battery fluid. • Vaporization, 10 times, each vaporization followed by a drying period of 27min: <ul style="list-style-type: none"> – At 40°C for gazole, unloaded petrol 98, Std fuel C + 15% methanol, E85 bio ethanol. – At 70°C for windscreen washer.

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

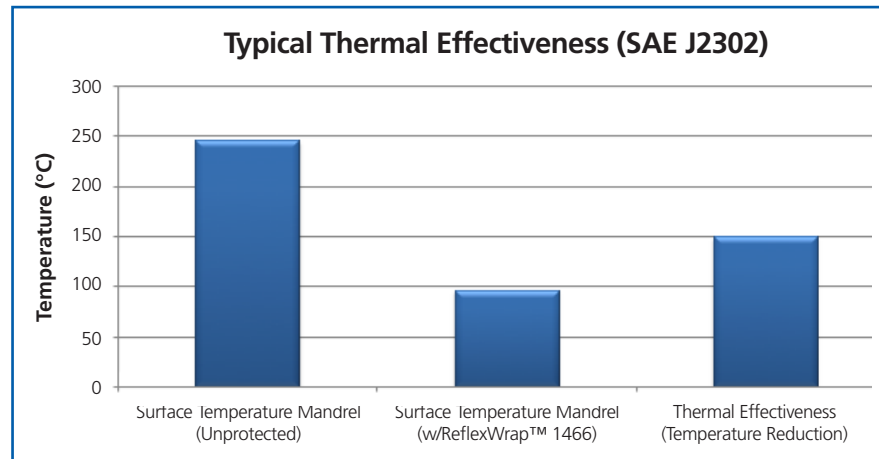
Construction and Typical Product Characteristics

Outer Layer	Aluminum
Inner Layer	Warp Yarn: Fiberglass multifilament Fill Yarn: Polyphenylene sulfide (PPS) monofilament

Availability

ReflexWrap 1466 is available in a range of sizes and cut to your specification. Color is aluminum (silver). Please contact your sales representative for availability

Thermal Effectiveness of Sleeving Insulation



Note: Mandrel is parallel to and 25mm (1") away from a 540°C heat source

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USA: (1) 800 926 2472
 Europe: (33) 3 44 39 06 06
 Japan: (81) 45 479 0201
 China: (86) 21 6182 7688

www.federalmogul.com/sp