



## 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, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – ReflexWrap™ 1466

Property	Test Method	Result
Operating Temperature		-40°C to +200°C
Heat Aging: 3000hrs at +200°C 240hrs at +250°C	ISO 6722	No visible damage, no cracks, no delamination Maintains its properties
Flammability	FMVSS 302 D45 1333	Pass Self extinguishing Type B
Thermal effectiveness	SAE J2302 D47 1924	See graph below No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> <li>• Immersion for 15s at 23°C, followed by a drying period of               <ul style="list-style-type: none"> <li>– 24h at 150°C: motor oil, automatic transmission oil, manual transmission oil.</li> <li>– 24h at 23°C: zinc chloride, brake fluid.</li> </ul> </li> <li>• Immersion for 48h at 70°C, followed by a drying period of 24h at 23°C: Urea of clean up Ad blue.</li> <li>• In vapour for 2h at 70°C, followed by a drying period of 4h at 23°C: battery fluid.</li> <li>• Vaporization, 10 times, each vaporization followed by a drying period of 27min:               <ul style="list-style-type: none"> <li>– At 40°C for gazole, unloaded petrol 98, Std fuel C + 15% methanol, E85 bio ethanol.</li> <li>– At 70°C for windscreen washer.</li> </ul> </li> </ul>
Fluid Resistance		

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

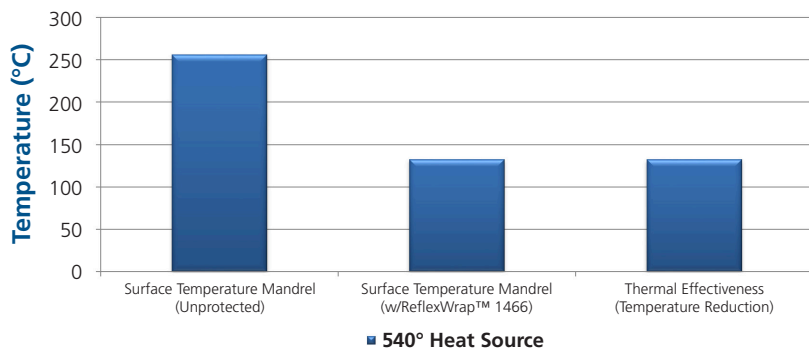
**Outer Layer:** Aluminum

**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

## Typical Thermal Effectiveness (SAE J2302)



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



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600  
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