



THERMAL MANAGEMENT

ReflectSleeve® 1452

Product Highlights

- Operating temperature up to +200°C (+392°F)
- Excellent protection against radiant heat
- Superior flexibility
- Fluid and chemical resistant
- Tubular construction no sew line
- Open design aides in installation

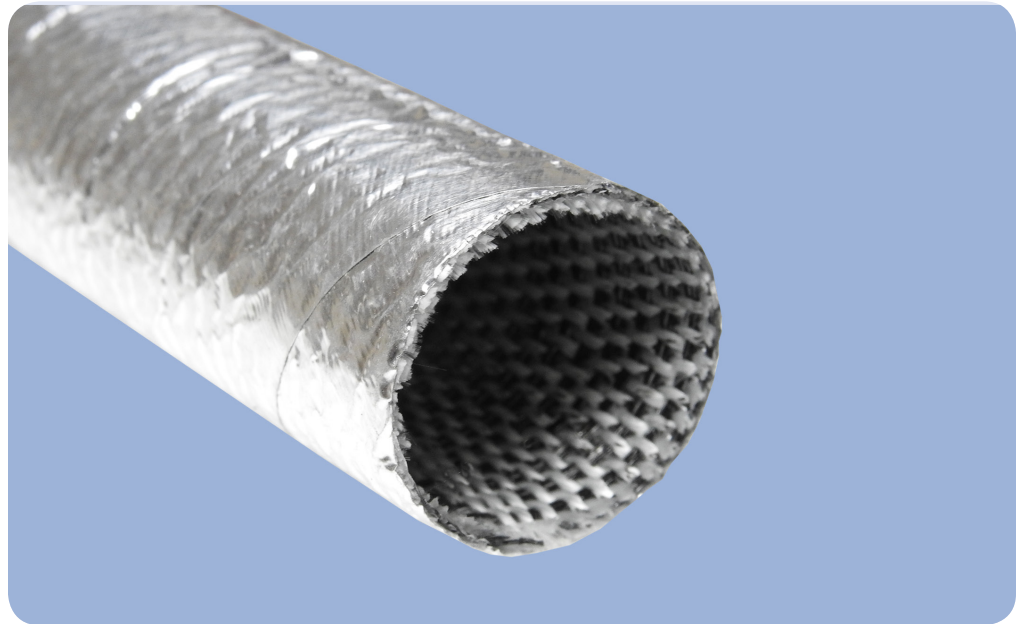
Typical Applications

- Brake tubes and hoses
- Power steering hoses
- Cable assemblies
- Heater hoses
- Air conditioning hoses
- Wire Harnesses



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

RS1452_07202017



ReflectSleeve® 1452 is a tubular, reflective sleeve designed to provide thermal protection for both radiant and convective heat applications. Composed of a woven fiberglass based substrate spirally wrapped with an aluminum foil, the product can withstand convective heat soaks up to +200°C (+392°F) and simultaneously protect components from radiant or reflective heat. In addition to providing a maximum level of protection for hoses, wire harnesses and other critical components requiring radiant heat protection ReflectSleeve 1452 also provides a superior level of fluid resistance.

ReflectSleeve 1452's unique construction imparts a level of flexibility not found in other reflective products, allowing the product to maintain a circular profile when flexed and provide a quick and easy installation.

BentleyHarris®
Protection Products

Performance Data – ReflectSleeve® 1452

Property	Test Method	Result
Temperature Rating	240 hours at +225°C (+200°C rating)	Pass +200°C (+392°F)
Thermal Endurance	BH100-503	No degradation or delamination (25mm above a +538°C heat source for 6 hours)
Low Temperature Flexibility	BH100-016A	Pass -40°C (-40°F)
Flammability	SAE J369	Self-extinguishing
Fluid Resistance	BH100-003B	Pass

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

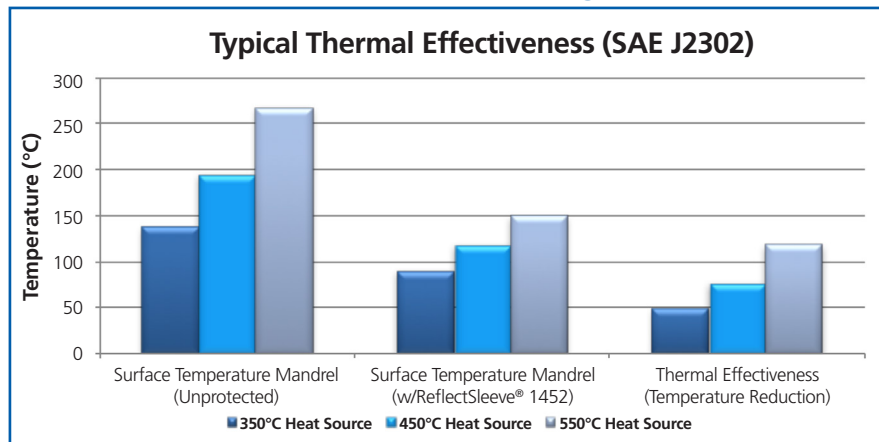
Construction and Typical Product Characteristics

Outer Layer	Aluminum
Inner Layer	Warp Yarn: Fiberglass multifilament Fill Yarn: Polyester (PET) monofilament

Availability

ReflectSleeve 1452 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 heat source

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