



THERMAL MANAGEMENT

ReflectSleeve® 1400

Product Highlights

- Operating temperature up to +150°C (+347°F)
- Outstanding protection against radiant heat
- Fray resistant
- Extremely flexible
- Fluid and chemical resistant
- Conforms to complex component designs
- Tubular construction - no sew lines

Typical Applications

- Hoses
- Fuel lines
- Brake lines
- Control cables
- Wire harnesses



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

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ReflectSleeve® 1400 is a flexible, aluminized, high bulk, fiberglass sleeve used to protect components in high temperature environments.

ReflectSleeve 1400 features an outer layer of spiral wrapped aluminum foil that reflects radiant heat while providing a barrier against moisture and other damaging elements. The inner layer of high bulk fiberglass has natural air pockets which greatly increase insulating efficiency.

The flexibility and tubular construction of ReflectSleeve 1400 allows for easy installation and conforms to complex component designs.

BentleyHarris®
Protection Products

Performance Data – ReflectSleeve® 1400

Property	Test Method	Result
Temperature Rating	240 hours at +175°C (+150°C rating)	Pass +150°C (+302°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

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

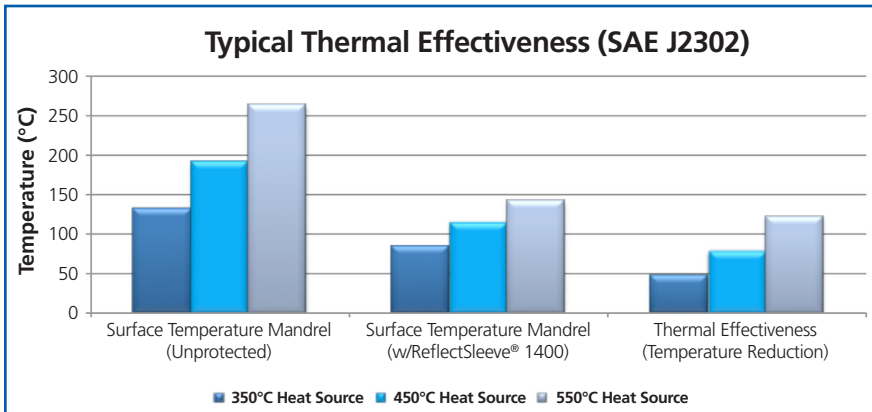
Construction and Typical Product Characteristics

Outer Layer	Aluminum
Inner Layer	Fiberglass multifilament

Availability

ReflectSleeve 1400 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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