



THERMAL MANAGEMENT

# ReflectSleeve® 1501

## Product Highlights

- Operating temperature up to +150°C (+302°F)
- Excellent protection against radiant heat
- Flexible
- Fluid and chemical resistant
- Tubular construction no sew line
- Low Profile

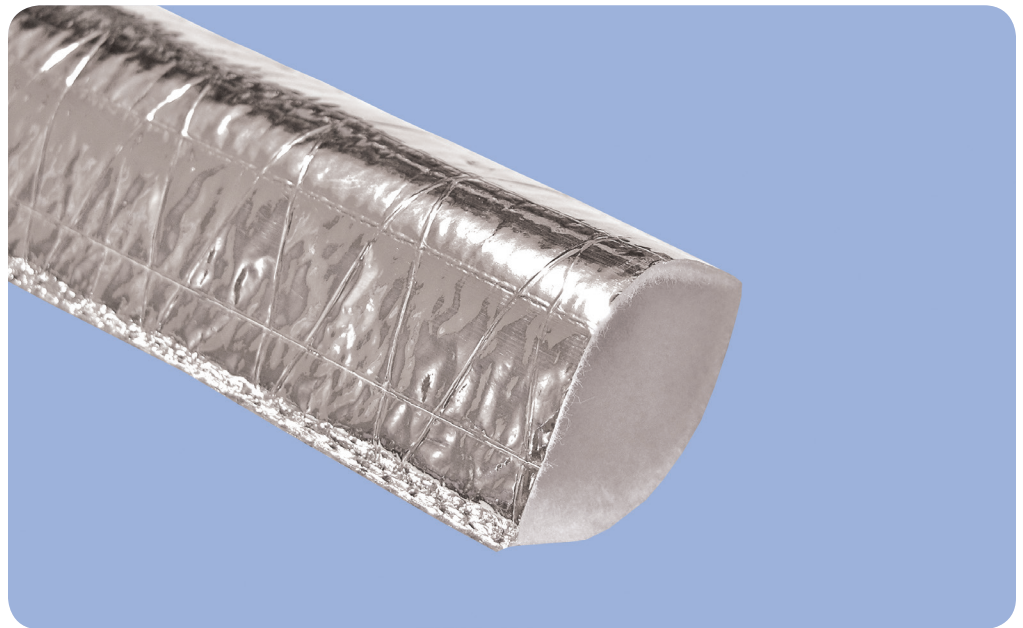
## Typical Applications

- 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

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**ReflectSleeve® 1501** is reinforced, aluminized polyester sleeve designed to protect components in high temperature environments. The external surface is composed of a highly reflective aluminum foil, which provides radiant heat protection for internal components. The internal layer is composed of a polyester non-woven material, which provides added insulation efficiency. A layer of fiberglass scrim contributes to both product flexibility and durability.

ReflectSleeve 1501 was designed with a combination of materials used to produce an engineered solution for wire harnesses and other components in close proximity to engine and exhaust systems. ReflectSleeve 1501 provides a cost-effective, non-skin-irritating alternative to current radiant heat products.

**BentleyHarris®**  
Protection Products

# Performance Data – ReflectSleeve® 1501

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
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.

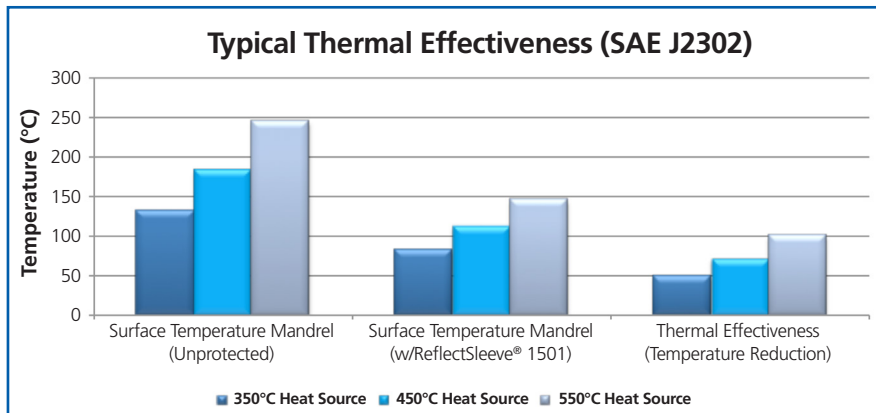
## Construction and Typical Product Characteristics

Outer Layer	Aluminum lamination/scrim
Inner Layer	Polyester (PET) non-woven

## Availability

ReflectSleeve 1501 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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