



THERMAL MANAGEMENT

Thermal Reflective Sleeve

by: **CLEAN SEAL®**, INC.

Product Highlights

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

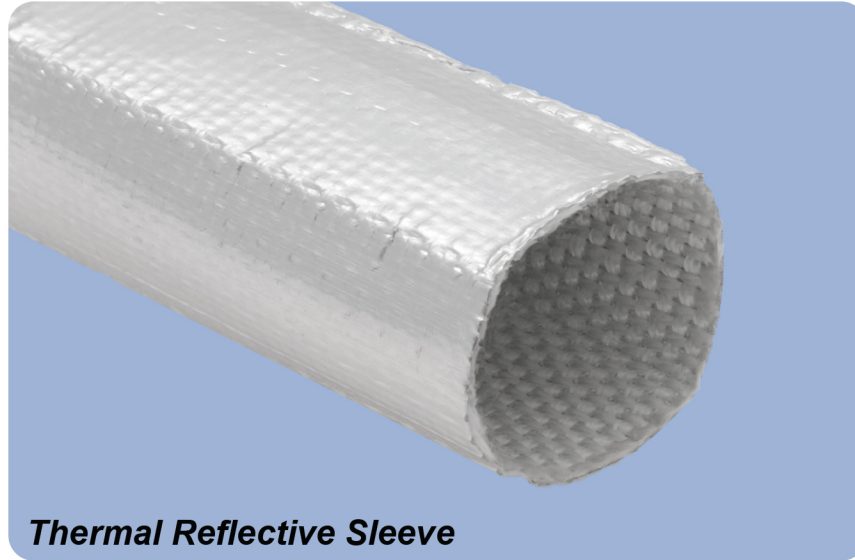
Typical Applications

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



Sizes Available

- 3/8" • 1 1/4"
- 1/2" • 1 7/16"
- 5/8" • 1 13/16"
- 3/4" • 2"
- 7/8" • 2 1/2"
- 1"



Thermal Reflective Sleeve

is a woven, one-piece fiberglass sleeve that is bonded with an aluminized heat-seal film using a polymeric adhesive. A special manufacturing process permits the sleeve to boast a virtually seamless construction.

Thermal Reflective Sleeve's smooth outer surface helps to provide improved protection for components that are exposed to radiant heat. Providing superior fluid resistance, Thermal Reflective Sleeve is engineered to protect hoses and wire harnesses in passenger vehicles, light and heavy trucks and off-highway vehicles.

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.

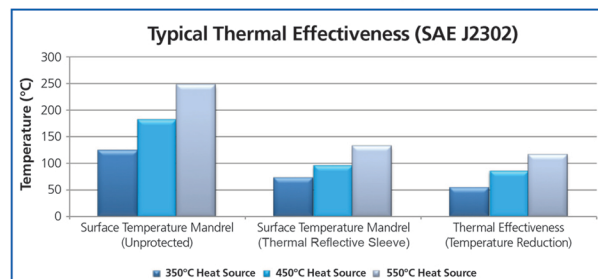
Construction and Typical Product Characteristics

Outer Layer	Aluminum
Inner Layer	Fiberglass multifilament

Availability

Thermal Reflective Sleeve 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



ISO 9001:2015

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