



Product Highlights

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

Typical Applications

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

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.



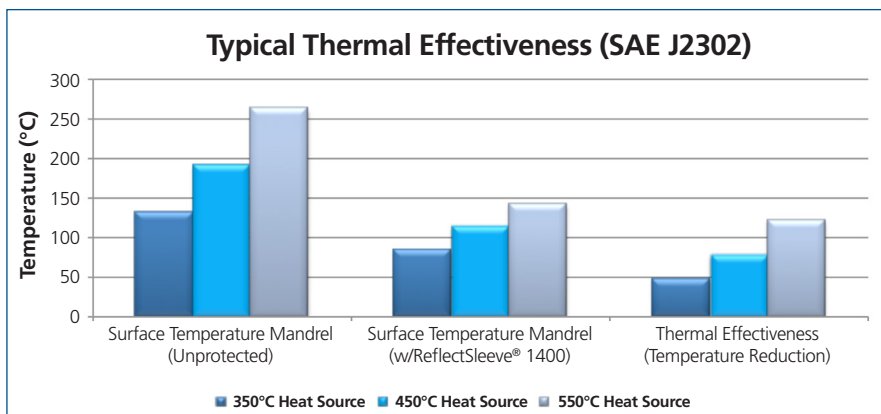
Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

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	No degradation or delamination (25mm above a 538°C heat source for 6 hours)	Pass
Low Temperature Flexibility	SAEJ2192	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.

Thermal Effectiveness of Sleeving Insulation



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

Availability

Standard sizes are listed here. Additional sizes could be available upon request.

Available in custom cut lengths. Recommended cut lengths are in 5mm increments.

Please see regional drawings for cut lengths tolerances. Please consult your local sales representative for regional packaging details and standards.

Construction and Typical Product Characteristics

Outer Layer Aluminum

Inner Layer Fiberglass multifilament

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
ReflectSleeve 1400 10	10
ReflectSleeve 1400 11	11
ReflectSleeve 1400 13	13
ReflectSleeve 1400 16	16
ReflectSleeve 1400 19	19
ReflectSleeve 1400 22	22
ReflectSleeve 1400 25	25
ReflectSleeve 1400 29	29
ReflectSleeve 1400 32	32
ReflectSleeve 1400 38	38

* Application based variables will influence the sleeve size required. Routing geometry and application type may present installation and fit challenges that should be considered. Proper sleeve sizing should be confirmed by the end user. Please consult your local sales representative for recommendations and support.

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