

Product Highlights

- Operating temperature up to +150°C (+302°F)
- Excellent protection against radiant heat
- Tubular construction with no sew line
- Low end fray construction
- Lightweight, flexible & low profile
- Superior fluid and chemical resistance

Typical Applications

- Engine compartment applications
- Brake & fuel lines
- Tube, hose & cable assemblies
- Wire harnesses



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



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.

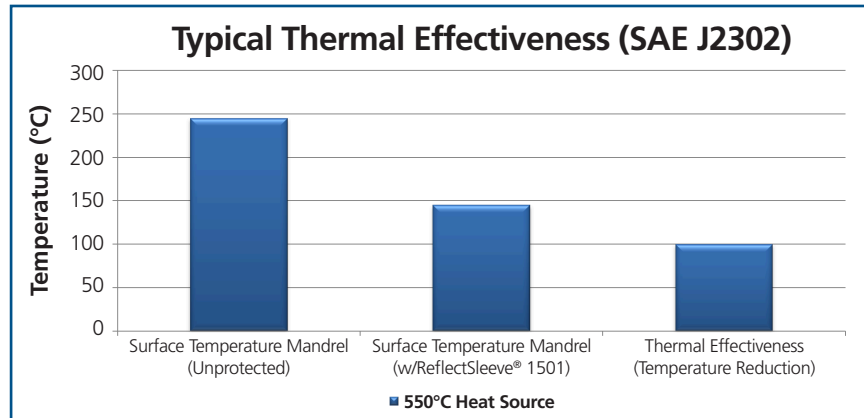
ReflectSleeve 1501 was designed with a combination of materials used to produce an engineered solution for wire harnesses and other components in close proximity to engine and exhaust systems. ReflectSleeve 1501 provides a cost-effective, non-skin-irritating alternative to current radiant heat products.

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	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
Fluid Resistance	SAEJ2192	Pass

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

Construction / Characteristics

Outer Layer	Reflective Laminate
Inner Layer	Polyester (PET) non-woven

Availability

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

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Please consult your local sales representative for regional packaging details and standards.

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
ReflectSleeve 1501 10	10
ReflectSleeve 1501 13	13
ReflectSleeve 1501 16	16
ReflectSleeve 1501 19	19
ReflectSleeve 1501 22	22
ReflectSleeve 1501 25	25
ReflectSleeve 1501 32	32
ReflectSleeve 1501 35	35
ReflectSleeve 1501 38	38
ReflectSleeve 1501 45	45
ReflectSleeve 1501 51	51
ReflectSleeve 1501 70	70

* 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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