



THERMAL MANAGEMENT

# ReflecTube® 1597J

## Product Highlights

- Operating temperatures up to +150°C (+302°F)
- Reflects radiant heat away from protected component
- Reduces component temperature
- Enhances harness rigidity
- Fluid resistant

## Typical Applications

- Battery cables
- Wiring systems
- Electronic sensor control wiring
- Critical harnesses and hoses exposed to radiant heat



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

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**ReflecTube® 1597J** is a reflective convolute tube designed to provide thermal protection for components in radiant heat environments. Composed of a modified nylon polymer base substrate and a highly reflective aluminum coating, ReflecTube 1597J provides protection for wires, cables, hoses and other components requiring radiant heat protection in close proximity to engine and exhaust systems.

The reflective surface is extremely resistant to automotive fluids and may be classed as insulative against 12 volt automotive currents. Because of its unique blend of thermal and insulative properties, as well as its aesthetic appearance, it is ideal for applications such as battery cables and alternator wiring harnesses.

**BentleyHarris®**  
Protection Products

# Performance Data – ReflecTube® 1597J

Property	Test Method	Result
Temperature Rating	BH100-504	Pass +150°C (+302°F)
Low Temperature Flexibility	BH100-016A	Pass -40°C (-40°F)
Flammability	FMVSS 302	Self-extinguishing
Fluid Resistance	BH100-003B	Pass
Melting Point	ASTM D3418	+261°C to +267°C (+502°F to +513°F)

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

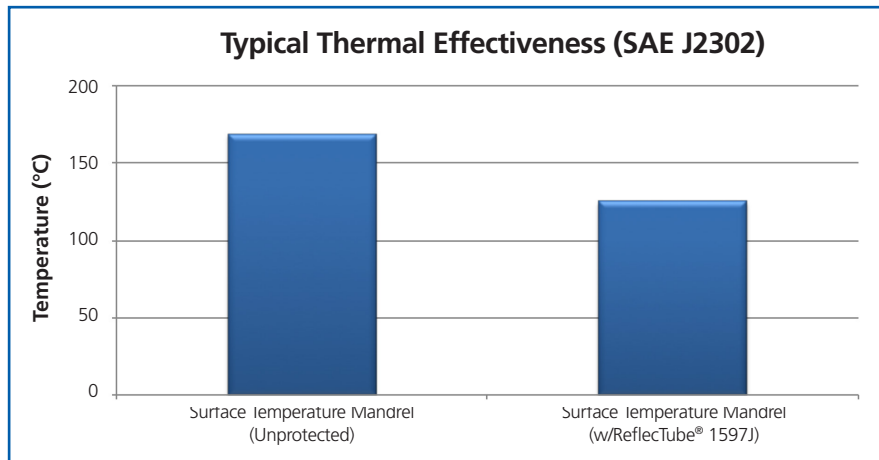
## Construction and Typical Product Characteristics

Exterior Surface	Highly Reflective Aluminum Coating
Substrate Surface	Nylon 9T (PA9T)

## Availability

ReflecTube® 1597J 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 a 550°C heat source

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