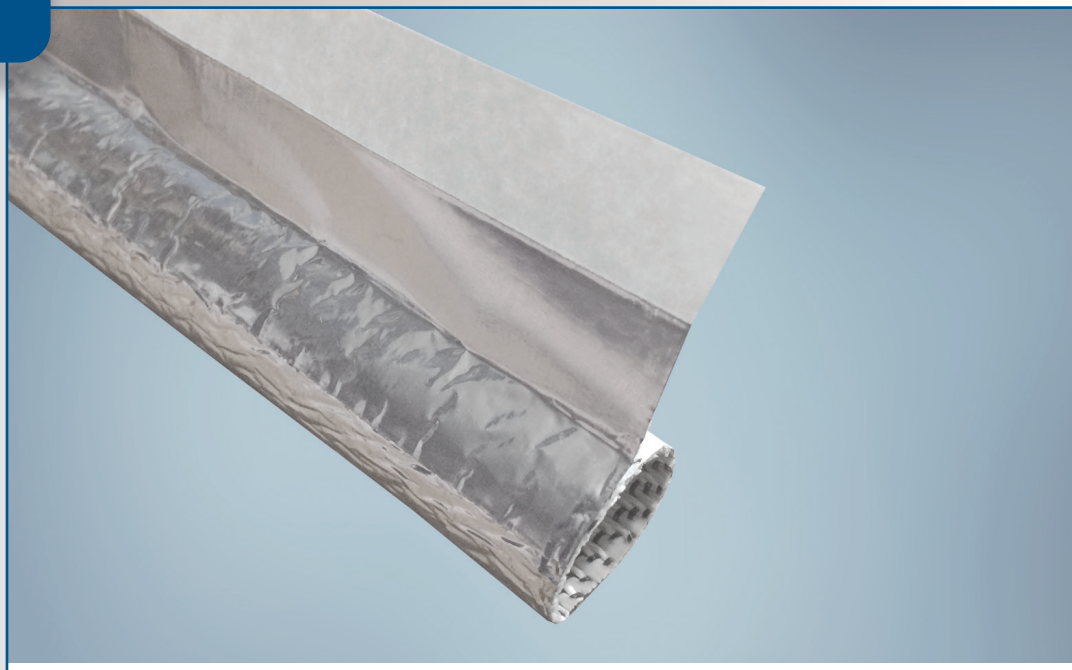
SYSTEMS PROTECTION™

ReflexWrap™ 1463 LF

THERMAL



Product Highlights

- Operating temperature up to +200°C (+392°F)
- Excellent radiant and convective heat protection
- Designed for reduced fiber pollution and optimized fray resistance
- Self-Wrapping Design
- Fluid and Chemical Resistant

Typical Applications

- Quick Connectors
- Brake Lines
- Fuel Lines
- Cable Assemblies
- Engine Harnesses

ReflexWrap™ 1463 LF is a self-wrapping, reflective sleeve designed to provide thermal protection for both radiant and convective heat applications. Composed of an aluminum foil laminated to a fiberglass woven fabric, the product protects critical components from radiant or reflected heat while withstanding convective heat soaks up to +200°C (+392°F).

The unique design provides excellent cut quality resulting in improved fray resistance and reduced fiber pollution. The self-wrapping construction and integrated closure tape allows for quick and easy installation. The adhesive closure acts as a barrier to dirt and fluids while maintaining full reflective coverage. Finally, the flexible structure allows the product to maintain a circular profile when flexed.

RoHS COMPLIANT

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

Performance Data – ReflexWrap™ 1463 LF

Property	Test Method	Result
Temperature Rating	240 hours at +250°C 3000 hours at +200°C	-40°C to +200°C (-40°F to +392°F) No visible damage, cracks or delamination
Thermal Endurance	25mm above a 538°C (1000°F) heat source for 6 hours	Pass No degradation or delamination
Low Temperature Flexibility	SAE J2192	Pass -40°C (-40°F)
Flammability	SAE J369 FMVSS302	Self-extinguishing Self-extinguishing
Fluid Resistance	SAE J2192	Pass
Tensile Strength - Warp	ASTM D5035	Warp: 250 lbf/in. min.

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	**Warp Yarn:** Fiberglass multifilament **Fill Yarn:** Polyester (PET) monofilament

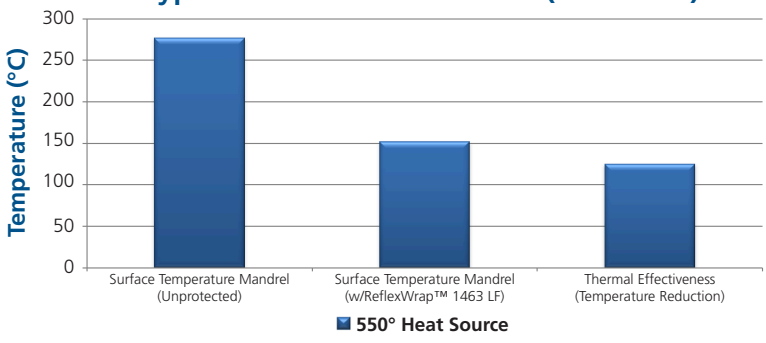
Product Specifications

Nominal Diameter	Recommended Application Range* mm	
	Min Ø	Max Ø
6	1	6
8	6	8
10	8	10
13	10	13
16	13	16
19	16	19
22	19	22
25	22	25
32	25	32
38	32	38

* Max diameter is defined as having a nominal 60° sleeve overwrap. A variety of application-based variables will dictate the appropriate sleeve size for use on each harness. Proper sleeve sizing is at the discretion of the end user.

A reduced overlap could be acceptable in certain applications allowing for a larger max diameter harness. Please consult your local sales representative for recommendations and guidance

Typical Thermal Effectiveness (SAE J2302)



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 length tolerances.

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

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