Product Highlights

• Operating temperature up to +200°C (+392°F)
• Excellent radiant and convective heat protection
• Self-Wrapping Design
• Super Flexibility
• Fluid and Chemical Resistant
• Attractive Appearance

Typical Applications

• Brake Lines
• Fuel Lines
• Cable Assemblies
• Engine Harnesses

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

The unique woven structure imparts a level of flexibility not found in other reflective products, allowing the product to maintain a circular profile when flexed.

The self-wrapping design of ReflexWrap 1463F allows for quick and easy installation with a self-sealing adhesive reinforcement for permanent closure. The adhesive strip acts as a barrier to dirt and fluids while maintaining the full integrity of the finished aluminumized sleeve.

Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001
Performance Data – ReflexWrap™ 1463F

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Rating</td>
<td>240 hours at +225°C (+200°C rating)</td>
<td>Pass +200°C (+392°F)</td>
</tr>
<tr>
<td>Thermal Endurance</td>
<td>BH100-503</td>
<td>No degradation or delamination</td>
</tr>
<tr>
<td>Low Temperature Flexibility</td>
<td>BH100-016A</td>
<td>Pass -40°C (-40°F)</td>
</tr>
<tr>
<td>Flammability</td>
<td>SAE J369</td>
<td>Self-extinguishing</td>
</tr>
<tr>
<td>Fluid Resistance</td>
<td>BH100-003B</td>
<td>Pass</td>
</tr>
<tr>
<td>Tensile Strength - Warp</td>
<td>ASTM D5035</td>
<td>Warp: 200 lbf/in. min.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Outer Layer</th>
<th>Aluminum</th>
</tr>
</thead>
</table>
| Inner Layer | Warp Yarn: Fiberglass multifilament  
Fill Yarn: Polyester (PET) monofilament |

Availability

ReflexWrap 1463F 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

![Typical Thermal Effectiveness (SAE J2302)](image_url)

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

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