**Product Highlights**

- Operating temperature up to +200°C (+392°F)
- Excellent protection against radiant heat
- Open design aides in installation
- Fluid and chemical resistant
- Tubular construction no sew line
- Low Profile

**Typical Applications**

- Brake tubes and hoses
- Power steering hoses
- Cable assemblies
- Heater hoses
- Air conditioning hoses
- Wire Harnesses

ReflectSleeve® 1450E is a woven, one-piece fiberglass sleeve that is bonded with an aluminized heat-seal film using a polymeric adhesive. A special manufacturing process permits the sleeve to boast a virtually seamless construction.

ReflectSleeve 1450E’s smooth outer surface helps to provide improved protection for components that are exposed to radiant heat. Providing superior fluid resistance, ReflectSleeve 1450E is engineered to protect hoses and wire harnesses in passenger vehicles, light and heavy trucks and off-highway vehicles.

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

RS1450E_07202017
### Performance Data – ReflectSleeve® 1450E

#### Construction and Typical Product Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Outer Layer</th>
<th>Inner Layer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aluminum</td>
<td>Fiberglass multifilament</td>
</tr>
</tbody>
</table>

#### Thermal Effectiveness of Sleevings Insulation

![Typical Thermal Effectiveness](image)

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

<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></td>
<td></td>
<td>(25mm above a +538°C heat source for 6 hours)</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>
</tbody>
</table>

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

### Availability

ReflectSleeve 1450E is available in a range of sizes and cut to your specification. Color is aluminum (silver). Please contact your sales representative for availability.