



# Aluminized Fiberglass Line Sleeve

**THERMAL CONTROL PRODUCTS, INC.**

Aluminized Fiberglass Line Sleeve provides continuous temperature protection to 650°F and short term thermal exposure to 1000°F. It is available in sizes from 3/8 inch to 3-1/2 inch lay flat widths and in spools or custom length finished pieces.

## Typical Properties

Property	Test Method	Test Value
<b>Areal Weight</b>	ASTM D3776	11.0 oz./sq.yd.
<b>Thickness</b>	ASTM D1777	0.012 in. (0.30 mm)
<b>Breaking Strength (lbs)</b>		
Warp	ASTM D5034	350 lbs
Fill	ASTM D5034	250 lbs
<b>Tear Strength (lbs)</b>		
Warp	ASTM D1424	CNM
Fill	ASTM D1424	10 lbs
<b>Flame Resistance</b>		
After Flame (max)	ASTM D6413	1.0 seconds
Char Length (max)	ASTM D6413	0.5 inches
<b>Radiant Reflectivity (min)</b>	MIL-C-24929A	10 seconds
<b>Thermal Endurance</b>	1" above 1000°F radiant heat source 6 hrs	No delamination
<b>Thermal Endurance</b>	Sleeve is held 25.4 mm above a 536°C radiant heat source for 6 hrs	No delamination
<b>Thermal Endurance</b>	Oven soak. 10 hours at 175°C	No cracking or delamination
<b>Flammability</b>	ASTM D 4723 / Fed. Std. 191-5903.1	
	Char Length	Less than 19 mm
	Afterglow	Less than 3 sec.
	Flameout	Less than 3 sec.

## Applications:

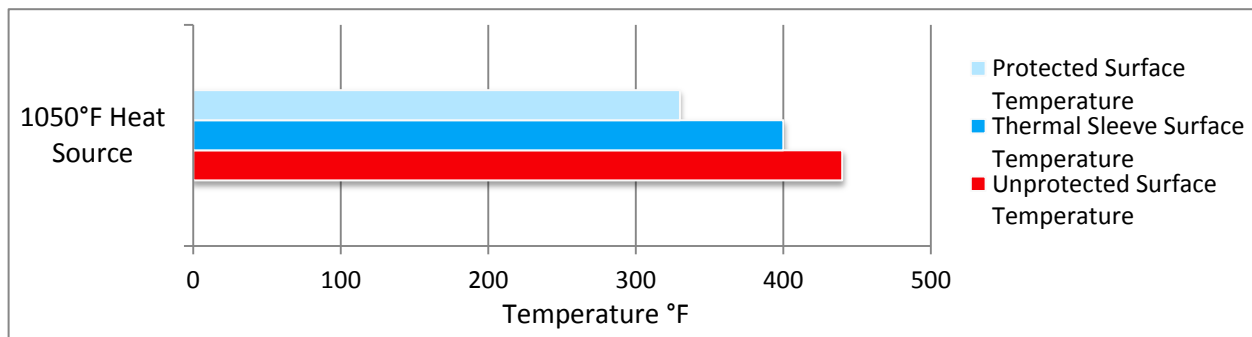
- Power steering hoses
- Air conditioning hoses
- Heater hoses
- Wire harnesses
- Brake tubes and hoses
- Engine compartment components
- Spark plug wires

## Features and Advantages:

- Excellent protection from radiated heat
- Significantly reduces component temperatures
- Easy to install and route
- High strength-to-weight ratio
- Fluid resistant
- Fray resistant
- Abrasion protection

## Line Sleeve Effectiveness

1.0" from Heat Source



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