

**SPECIFICATION SHEET****PRODUCT NAME: THERMAFLECT™ CLOTH****PRODUCT ALIAS: THERMAFLECT™ SLEEVE****SECTION 1: APPLICATIONS**

Thermaflect Cloth is a light weight highly reflective heat shield barrier cloth. It may be used as a heat shield curtain, liner for engine compartment, or fabricated into clothing.

**Industries Served**

- Automotive
- Marine
- Industrial
- Aerospace
- Petrochemical
- Clothing
- Heat shield curtains

**SECTION 2: FEATURES AND BENEFITS**

Thermaflect Cloth™ is a heat shield fabric designed to up to 90% reflect radiant heat. This product conforms to MIL-C-20079, Type I, Class 10 in addition to MIL-I-24244. It also meets the requirements for non-flammability set forth in U.S. Coast Guard subpart 164.009. It is also RoHS compliant.

**SECTION 3: TECHNICAL DATA****Physical Characteristics**

Fiber content: **Fiberglass**  
Weave: **Satin**  
Weight: **11oz/sqyd**  
Thickness: **.018"**

Finish/coating: **Aluminum**  
Color: **Chrome**  
Electrical: **Conductive**  
Widths: **up to 58" wide**

**Performance Characteristics**

Break Strength (warp): **350lbs**  
Tear Strength (warp): **15lbs**  
Afterflame: **NA**  
Afterglow: **5 seconds**

Break Strength (fill): **300lbs**  
Tear Strength (fill): **15 lbs**  
Char Length: **.5**

**Temperature Parameters:**

Reflectivity: **Up to 3000°F (15 seconds)**  
Melt: **>1200°F**

Base Fabric Service: **1100°F**

This product conforms to MIL-C-20079, Type I, Class 10 in addition to MIL-I-24244. It also meets the requirements for non-flammability set forth in U.S. Coast Guard subpart 164.009. It is also RoHS compliant.

*WARNING: This product can expose you to lead, a chemical known to the State of California to cause cancer and/or birth defects or other reproductive harm. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)*

