SECTION 1: APPLICATIONS

Thermaflect Cloth is a lightweight 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**
- Tear Strength (fill): **15 lbs**
- Afterglow: **5 seconds**
- 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