

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**

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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

