

Specification Sheet

Product Name: **Lava Shield™**

Section 1: Applications

High temperature heat shield barrier. Performs extremely well in applications with less than 1" of airspace from heat source vs a reflective barrier. Works extremely well in automotive, marine, aviation, and industrial / heavy duty machine applications due to its natural weather and chemical resistance.

Section 2: Features and Benefits

High temperature heat shield barrier. Excellent for outdoor use and harsh environments. Superior Strength and Abrasion Resistance even at temperature. Basalt is naturally chemical, water, and even acid resistant. Available with pressure sensitive adhesive.

Section 3: Technical Data

Temperature Parameters:

Base Fabric Service: **1200°F**

Melting Point: **2400°F**

Physical Characteristics

Fiber content: **Basalt**

Weave: **Twill**

Weight: **1.1 lb/sqyd**

Thickness: **.025"**

Construction: **42 x 5 (x2)**

Finish/coating: **None**

Color: **Bronze with green tint**

Electrical: **Non Conductive**

Break Strength (warp): **N/25MM >6000**

Sizing Type: **AminoSilane**

LOI, also sizing content: **0.4-0.6**

UV Stability: **6**

Break Strength (fill): **N/25MM >3000**

Moisture Content (fabric): **<0.3**

Combustibility: **Pass**

Color Fastness: **6**

