



Specification Sheet

Product Name: **Lava Shield HD™**

Section 1: Applications

High temperature heat shield barrier. Excellent for outdoor use and harsh environments. Performs extremely well in applications without 1" of airspace from heat source. Fuel cells, floor pans, transmission tunnels, marine applications.

Section 2: Features and Benefits

Superior Strength and Abrasion Resistance even at temperature. Basalt is naturally chemical, water, and even acid resistant.

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**

Widths: **up to 46" wide**

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**