

**SPECIFICATION SHEET****PRODUCT NAME: LAVA™ SHIELD****ALIASES: Lava™ Starter Shield, Lava™ MM Shield, Lava™ MC Shield, Lava™ Tube****Section 1: Applications**

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

**Section 2: Features and Benefits**

Superior Strength and Abrasion Resistance even at temperature. Basalt is naturally chemical, water, and even acid resistant. It is also nonflammable and can act as a fire barrier in a catastrophic event. Basalt fiber does not break down from UV radiation making it suitable for outdoor service and harsh environments like offshore platforms, salt mining, mining, petrochemical, any where thermal protection if needed.

**Section 3: Technical Data****Temperature Parameters:**Base Fabric Service: **1200°F**Melting Point: **2400°F****Physical Characteristics**Fiber content: **Basalt**Weave: **Twill**Weight: **5.90 oz/sq yd & 1.1 lb/sqyd**Thickness: **0.008" & 0.025"**Construction: **42 x 5 (x2)**Finish/coating: **None**Color: **Dark Olive**Electrical: **Non-Conductive**Widths: **up to 50" 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**