

SPECIFICATION SHEET**PRODUCT NAME: INFERNO™ SHIELD****SECTION 1: APPLICATIONS**

Applications: Inferno Shield is used for both mobile and stationary powered units. Its rugged construction makes it ideal for hard work and harsh environments.

Industries Served

- Marine
- Heavy Duty
- Power Generation
- Automotive
- Appliance
- Fire Protection
- Foundries
- Petrochemical

SECTION 2: FEATURES AND BENEFITS

- Withstands direct flame, heavy sparks, and molten metal
- Prevents the transfer of heat
- Reduces radiant heat by as much as 90%
- Rugged all alloy construction
- Bio-soluble silica insulation
- Semi formable, can be bend into shape
- Inner Bio-Cool insulation and outer alloy shell may be trimmed for custom fit
- **Custom Sizes Available**

SECTION 3: TECHNICAL DATA**Temperature Parameters:**Base Aluminum Service: **1100°F**Base Stainless Service: **1800°F**Melting Point: **1400°F**Melting Point: **2200°F****Physical Characteristics****Insulation** Fiber content: **Bio-soluble Silica**Color: **Aluminum and Stainless Steel**Thickness: **0.25"**Combustibility: **Pass**Finish/coating: **None**Electrical: **Conductive**Sizes: **6" x 14", 14" x 20", & 24" x 36",**UV Stability: **6**

Meets Coast Guard Spec. 164.009 for Incombustible Materials

Meets ASTM E84 for Incombustible Materials

