



TDS-10B
October 2014

Product Description

silica Fabric is the preferred choice in the thermal protection of equipment and personnel in high temperature applications. **silica Fabric 188CH®** can withstand molten metal temperatures and can protect personnel and equipment at **intermittent temperatures up to 1,800°F (1,000°C)**. **silica Fabric 188CH®** can be used for fabricated as **welding drop cloths, stress relief blankets, protective screens/covers, furnace curtains, insulation mats and cable tray wraps**. **silica Fabrics** are used extensively in the Power Generation (Nuclear Approved), Refinery, Shipbuilding, Ship Repair and Metal Processing industries.

Features

- Fireproof
- Protects Equipment and Personnel in the
- Resists Penetration of Weld "Slag" and Passes Toughest Welding Applications

- Welding "Burn Through" Test
- Excellent Insulating Properties
- Easily Sewn and Fabricated
- High Strength and Flexibility

Benefits

- Protects Against Hot Work Fires
- Lower Utility Costs
- Multiple Product Use – Cost Effective

Technical Data

ProPerTies

Silicon Dioxide Content
Nominal Weight (oz/yd²/gms/m²)
Nominal Thickness (in/mm)

siLiCA FABriC 188CH®

96% or Greater
36/1220
0.054/1.35

This product has been tested and approved to FM Standard (Class 4950) FM Approval ID # 3039551 as a Welding Pad* for use in hot work operations.



**Welding Pad is a heat resistant fabric designed to be placed directly under a hot work operation such as welding or cutting. Welding pads are intended for use in horizontal applications with severe exposures such as that resulting from molten substances or heavy horizontal welding. They are designed to prevent the ignition of combustibles that are located adjacent to the underside of the pad.*

Notes:

1. Standard roll length is 50 yards.
2. AVSi® 188CH® is available at widths of 36 and 60 inches.
3. Silica fabrics can meet Military Specs MIL-C-24576A and MIL-I-24244C upon request.
4. A light hydrocarbon coating is applied for improved handling at low temperatures.
5. Silica fabrics are amorphous textiles, and contain no asbestos or ceramic fibers.

Firwin Corp, cannot predict all of the potential applications for which customers may attempt to use the Silica Products. Silica Products will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained, the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of Silica Products in a particular application, please contact Firwin Corp, 1 877 346 9467 and we will provide a sample of the Silica Products for testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended or tested by Firwin Corp

