

**PRODUCT DATA SHEET**

**HIGHLIGHTS:**

- Resists penetration of weld “slag” and passes welding “burn through” test*
- Excellent insulating properties*
- Easily sewn and fabricated*
- High strength and flexibility*
- Protects equipment and personnel in the welding applications*
- Protects against hot work fires*
- Multiple product use*



**S51-36-18 and S51-36-36 SILICA FABRIC**

Silica fabrics are amorphous silica textiles and contain no asbestos or ceramic fibers. A light hydrocarbon coating is applied for improved handling at low temperatures. Silicon dioxide content is 96% or greater. This material is used for the protection of equipment and personnel in high temperature applications. S51-36-18 and S51-36-36 can withstand molten metal temperatures and can protect personnel and equipment at temperatures up to 1,800°F (1,000°C). Silica Fabrics are used extensively in the Power Generation, Refinery, Construction, Shipbuilding, and Metal Processing industries.

S51-36-18	Rolls 36"x 150' (.91 x 45.50 meters)
S51-36-36	Rolls 36"x 150' (.91 x 45.50 meters)
Temperature Limitations for Short Periods	Up to 1,800°F (1,000°C)***
Thickness Availabilities	S51-36-18 =.030 (0.71mm); S51-36-36=.054 (1.28mm)
Density Availabilities	S51-36-18= 18 oz/y2; S51-36-36=36 oz/y2
Typical Uses	Welding drop cloths, stress relief blankets, protective screens/covers, furnace curtains, insulation mats, cable tray wraps, etc.

\*\*\*Because this material is used in widely varied applications, we do not guarantee the applicability or accuracy of the technical information included herein. This is a guide only without guarantee. We recommend making your own tests in your specific application on the material of interest.