



AP Style 404

Silica fabrics have become the preferred choice in protection of equipment and personnel in high temperature applications. There are two satin weave silica fabrics from which to choose that can withstand molten metal temperatures and offer protection at continuous temperatures up to 1,800 °F (1,000 °C) and a melt point of 3,000 °F (1,649 °C).

Both fabrics can be used or fabricated as welding drop cloths, stress relief blankets, protective screens/covers, furnace curtains, insulation mats and cable tray wraps. It depends upon the weight/thickness/strength factors as to the fabric that is best cost effective choice.

Features and Benefits:

- Resists Penetration Of Weld “Slag” And Passes Welding “Burn Through” Test
- Fireproof
- Excellent Insulating Properties
- Easily Sewn And Fabricated
- High Strength And Flexibility Benefits
- Protects Equipment And Personnel In The Toughest Welding Applications
- Protects Against Hot Work Fires
- Lower Utility Costs
- Wide Product Variety (Blankets, Curtains, Mats...)
- Multiple Product Use-Cost Effective

*Silica fabrics can meet Military Specs MIL-C-24576A and MIL-I-24244C upon request.

Typical Properties

Silicon Dioxide Content (%)
Style 404-18 = 96
Style 404-36 = 96
Weight (oz./sq. yd.)
Style 404-18 = 18
Style 404-36 = 36
Thickness (in.)
Style 404-18 = 0.30
Style 404-36 = 0.054
Warp
Style 404-18 = 220
Style 404-36 = 330
Fill
Style 404-18 = 110
Style 404-36 = 200