



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

TDS – 19D
October 2015

AVSil® SILICONE COATED TWO SIDED SILICA FABRICS

Product Description

AVSil® Silrub Two Sided Coated Silica are engineered for industrial application requiring a compromise of thermal protection and abrasion resistance properties. The silicone coating improves the fabric handling properties while improving the fabrics capability to withstand high levels of molten metal exposure. **AVSil® Silrub Two Sided Coated Silica** is used extensively in the Power Generation (Nuclear Approved), Refinery, Shipbuilding, Ship Repair and Metal Processing Industries.

Features

- Resists Penetration of Weld “Slag” and Passes Welding “Burn Through” Test
- Fireproof
- Water and Oil Repellent
- Easily Sewn and Fabricated
- High Strength and Flexibility

Benefits

- Protects Equipment and Personnel in the Toughest Welding Applications
- Protects Against Hot Work Fires
- Good Abrasion Resistance
- Protects Against Harsh External Environment
- Wide Product Variety (Blankets, Curtains, Covers)
- Multiple Product Use and High Product Value

Technical Data

PROPERTIES	SILRUB 84CH-2	SILRUB 124CH-2	SILRUB 188CH-2
Standard Color	RED	RED	RED
Nominal Width, in	36, 60	36	36
Coated Surfaces	2	2	2
Nominal Weight (oz/yd ²) Base	18	26	36
Nominal Weight (oz/yd ²) Silicone	9	10	10
Total weight	27	36	46
Base Fabric Weave Construction	8 Harness Satin	12 Harness Satin	12 Harness Satin
Base Fabric Silica Content (%)	> 96	> 96	> 96
Base Fabric Melting Temperature (°F)	3000	3000	3000

Notes:

1. Standard Roll length is 50 yards, and roll width is 36 inches. Other roll lengths are available.
2. Silicone coating has a high temperature resistance of up to 500°F (260°C).
3. AVSil® fabrics are amorphous silica fabrics, and contain no asbestos or ceramic fibers.
4. Standard Silicone Color – Iron Oxide Red. Other Silicone Colors are available upon request.

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the AVSil® Silrub Silica Products. AVSil® Silrub 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 AVSil® Silrub Silica Products in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the AVSil® Silrub 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 AVS Industries, LLC.