



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

TDS – 19B  
October 2016

## AVSIL® SILRUB 124CH-1 SILICONE COATED SILICA FABRIC

### Product Description

**AVSil® Silrub 124CH-1** is a durable silicone coated silica fabric engineered for industrial applications 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 124CH-1** is used extensively in the Power Generation (Nuclear Approved), Refinery, Shipbuilding, Ship Repair and Metal Processing Industries.

### Features

- 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

### Technical Data

#### PROPERTIES

	AVSIL® SILRUB 124CH-1
Silicone Color	Iron Oxide Red/Tan
Base Fabric Weave Construction	12 Harness Satin
Base Fabric Silica Content (%)	>96
Base Fabric Melting Temperature (°F)	3000
Coated Surfaces	1
Nominal Weight (oz/yd <sup>2</sup> ) Base	26
Nominal Weight (oz/yd <sup>2</sup> ) Silicone	6
Total Nominal Weight	32

#### Notes:

1. 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.

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.**