



LEADERS IN HIGH PERFORMANCE TEXTILES FOR THERMAL PROTECTION

TDS – 131  
July 2018

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

### Product Description

**AVSiI® 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. **AVSiI® 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
- 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

Silicone Color	<b>AVSiI® SILRUB 124CH-1</b> Iron Oxide Red/Tan
Base Fabric Weave Construction	12 Harness Satin
Base Fabric Silica Content (%)	≥95
Base Fabric Melting Temperature: °F (°C)	3000 (1649)
Coated Surfaces	1
Nominal Weight: oz/yd <sup>2</sup> (grams/m <sup>2</sup> ) Base Fabric	32 (1085)
Nominal Weight: oz/yd <sup>2</sup> (grams/m <sup>2</sup> ) Silicone Coating	8 (271)
Total Nominal Weight: oz/yd <sup>2</sup> (grams/m <sup>2</sup> )	40 (1356)

### 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. AVSiI® 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 AVSiI® Silrub Silica Products. AVSiI® 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 AVSiI® Silrub Silica Products in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the AVSiI® 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.