



WHEN THE **HEAT** IS ON, KEEP YOUR COOL WITH AVS!

**TDS-131**  
**May 2019**

## **AVSi<sup>®</sup> SILRUB 124CH-1 SILICONE COATED SILICA FABRIC**

**AVSi<sup>®</sup> Silrub 124CH-1** is a medium weight silicone coated silica fabric engineered for industrial applications requiring a compromise of thermal protection and abrasion resistance properties. The high-performance silicone coating improves the fabric handling properties while improving the fabric's capability to withstand moderate levels of molten metal exposure. The superior strength, density, thickness, and weave construction, and high meltpoint (3000°F or 1649°C) of **AVSi<sup>®</sup> Silrub 124CH-1** makes this fabric ideal for close proximity horizontal welding protection. The base fabric will remain pliable after exposure to continuous temperatures up to 1800°F (982°C). **AVSi<sup>®</sup> 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 hot work applications with moderate to heavy welding, sparks, and molten metal splatter.
- Good Abrasion Resistance
- Protects Against Harsh External Environment

### **Technical Data Properties\***

Silicone Color  
Base Fabric Weave Construction  
Base Fabric Silica Content (%)  
Base Fabric Melting Temperature: °F (°C)  
Coated Surface(s)  
Nominal Weight: oz/yd<sup>2</sup> (grams/m<sup>2</sup>) Base Fabric  
Nominal Weight: oz/yd<sup>2</sup> (grams/m<sup>2</sup>) Silicone Coating  
Total Nominal Weight: oz/yd<sup>2</sup> (grams/m<sup>2</sup>)

### **AVSi<sup>®</sup> SILRUB 124CH-1**

Iron Oxide Red  
12 Harness Satin  
≥95  
3000 (1649)  
1  
32 (1085)  
8 (271)  
40 (1356)

### **NOTES:**

1. Roll length is 50 yards, and roll width is 36 inches.
2. Silicone coating has a high temperature resistance of up to 500°F (260°C).
3. AVSi<sup>®</sup> 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 AVSi<sup>®</sup> Silrub 124CH-1 silicone coated silica fabric. AVSi<sup>®</sup> Silrub 124CH-1 silicone coated silica fabric 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 AVSi<sup>®</sup> Silrub 124CH-1 silicone coated silica fabric in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the AVSi<sup>®</sup> Silrub 124CH-1 silicone coated silica fabric 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.