



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

**TDS-147**  
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## **AVSi<sup>®</sup> EL188CH-1 SILICA FABRIC WITH EDGE LOCK COATING**

### **Product Description**

**AVSi<sup>®</sup> Silica EL (Edge Lock) Fabric** is a top-quality silica fabric with a proprietary fray resistant coating applied to one side of the cloth. The coating improves the handling properties of the fabrics for end use or fabricated part applications. **AVSi<sup>®</sup> Silica EL188CH-1** has all of the great qualities of our standard Silica fabrics, with the added benefit of improved handling properties. **AVSi<sup>®</sup> EL188CH-1** fabric can be used or configured as **welding drop cloths, protective screens, panel covers, removable valve covers, aprons, wall opening seals, turbine covers and electric cable wraps**. AVSi Silica Fabrics are used extensively in the Power Generation, Refinery, Shipbuilding, and Metal Processing industries.

### **Features**

- Resists penetration of weld “slag” and passes welding “burn through” test
- Fireproof
- Excellent insulating properties
- Water resistant
- Easily sewn and fabricated

### **Benefits**

- Protects equipment and personnel in the toughest welding applications
- Protects against hot work fires
- Protects against harsh external environment

### **Technical Data Properties**

Silicon Dioxide Content	<b>AVSi<sup>®</sup> SILICA EL188CH-1</b> 96% or Greater
Nominal Weight (oz/yd <sup>2</sup> )	40
Edge Lock Coating	1-Side
Base Fabric Weave	Satin
Nominal Thickness (inches)	0.060
Edge Lock Coating Colors	Natural (Tan)

### **NOTES:**

1. Roll length is 25 yards, and roll width is 60 inches. Other roll lengths are available.
2. Edge Lock coating is applied to one side of the fabric. The edge lock coating will gradually degrade at temperatures above 500°F
3. Silica 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> Silica Edge Lock Fabric**. **AVSi<sup>®</sup> Silica Edge Lock 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> Silica Edge Lock 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> Silica Edge Lock 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.