



AVSii Satin Weave Silica Fabrics



PRODUCT DESCRIPTION

AVSii amorphous Silica Fabrics are high temperature fabrics used for a wide range of insulation and protection applications. **AVSii** has a minimum silicon dioxide content of 96% for optimum performance. **AVSii** Silica Fabrics can be fabricated into many forms to withstand continuous temperatures up to 1800°F (980°C) for various periods of time.

AVSii Silica Fabrics are available with our standard hydrocarbon coating (CH Series) or with a proprietary abrasion resistant coating (CSR Series). The CH Series can be used in any ventilation situation and will burn off with very little visual smoke and no odor. The CSR Series is not recommended for inside welding or protection applications having poor ventilation. The CSR coating will burn off at approximately 600°F (315°C) and will smoke and have an odor until gone.

AVSii Silica Fabrics give superior protection from weld slag and welding sparks in hot work protection. **AVSii** Silica Fabrics meet MIL-I-24244 and MIL-C-24576(SH) specifications.

POTENTIAL INDUSTRY APPLICATIONS

- Chemical Plants
- Electrical Power Plants
- Shipbuilding
- Molten Metal Processing
- Oil Refineries
- Aerospace/Aircraft
- Transportation

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the Silica Products. 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 Silica Products in a particular application, please contact AVS Industries at 302.221.1720 and we will provide a sample of the 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.

STANDARD AVSIL SILICA FABRICS				
PRODUCT NUMBER	COLOR	NOMINAL THICKNESS	NOMINAL WEIGHT	NOMINAL WIDTH
84CH	Tan	0.030 in.	18 oz./yd. ²	36, 58 in.
136CH	Tan	0.041 in.	27 oz./yd. ²	36 in.
188CH	Tan	0.054 in.	36 oz./yd. ²	36, 58 in.
ABRASION RESISTANT AVSIL SILICA FABRICS*				
PRODUCT NUMBER	COLOR	NOMINAL THICKNESS	NOMINAL WEIGHT	NOMINAL WIDTH
84CSR	Tan	0.030 in.	19 oz./yd. ²	36, 58 in.
136CSR	Tan	0.041 in.	28 oz./yd. ²	36 in.
188CSR	Tan	0.054 in.	38 oz./yd. ²	36, 58 in.

Standard roll length is 50 yds. except for 58" wide 188CH and 188CSR which are 25 yds.
*Other widths available upon special volume requests.

