



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

TDS-125
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AVSIL BT32T SILICA FABRIC

Product Description

AVSii[®] BT32T broken twill silica fabric is a high temperature silica fabric with a melting point of 3000°F (1649°C). **AVSii[®] BT32T** is capable of handling intermittent and continuous temperatures up to 1900°F (1038°C). The unique broken twill weave construction improves handling properties over the conventional satin weave construction. **AVSii[®] BT32T** is also treated with a proprietary surface finish to further improve handling and thermal properties.

Applications

AVSii[®] BT32T broken twill silica fabric is ideal for making textile fabricated parts for high temperature welding, industrial, and automotive applications. **AVSii[®] BT32T** broken twill silica fabric is typical used in the fabrication of removable insulation covers, welding curtains, drop cloths, stress relief blankets, protective screens/covers, thermal pads, furnace curtains, insulation mats and cable tray wraps.

Technical Data Properties

Silicon Dioxide Content	≥95%
Weave Construction	Broken Twill
Nominal Weight (oz/yd ²)	32
Thread Count	Warp - 47, Fill - 25
Nominal Tensile Breaking Strength (lbs.)	
Warp	610
Fill	346
Nominal Thickness (inches)	0.045

NOTES:

1. Roll length is 50 yards, and roll width is 60 inches.
2. A proprietary surface finish is applied for improved handling at low temperatures.
3. Silica fabrics are amorphous silica textiles 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 BT32T** broken twill silica. **AVSii BT32T** broken twill silica 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 BT32T** broken twill silica in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the **AVSii BT32T** broken twill silica 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.