



LEADERS IN HIGH PERFORMANCE TEXTILES FOR THERMAL PROTECTION

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AVSIL[®] SILICA ADHESIVE-BACKED SLIT TAPES

Product Description

AVSIL[®] Silica Adhesive-Backed Slit Tapes are manufactured using **AVSIL[®]** silica fabric and high-performance pressure sensitive adhesive (PSA) backing. **AVSIL[®] Silica ST84CHAB and ST188CHAB Adhesive-Backed Slit Tapes** provide protection of electrical lines, piping, and equipment in high temperature applications against welding splatter, fire, extreme heat and molten metal. **AVSIL[®] Silica Adhesive-Backed Slit Tapes** are typically used for thermal protection over; pipes, electrical wires, water hoses, cords and cables. **AVSIL[®] Silica ST84CHAB and ST188CHAB** are better value than regular slit tapes because they have the added benefit of adhesive backing for ease of installation as cable wraps. **AVSIL[®]** Silica tapes are used extensively in the Power Generation, Refinery, Construction, Shipbuilding, and Metal Processing industries.

Features

- Withstands High Temperature and Protects Against Weld “Splatter”
- Fireproof
- Excellent Insulating Properties
- Adhesive-Backed

Benefits

- Protects Cables, Hoses, Pipe and Cord in the Toughest Welding Applications
- Protects Against Hot Work Fires
- Lower Energy Costs
- Eases Installation of Tape Over Pipe and Reduces Potential for Edge Unraveling

Technical Data Properties

	ST84CHAB	ST188CHAB
Silicon Dioxide Content	96% or Greater	96% or Greater
Nominal Thickness in.(mm)	0.030 (0.762)	0.054 (1.37)
Nominal Roll Length ft. (meters)	150 (45.72)	75 (22.86)

Notes:

1. Normal tape widths are 1”, 1.5”, 2” and 4”. Other widths are available upon request.
2. Rolls may consist of three pieces. Minimum piece length is 10 feet(3.05 meters).
3. The Pressure Sensitive Adhesive Backing improves the installation of silica slit tape at low temperature but is sacrificial at temperatures above 155°F(68°C).
4. A proprietary coating is applied for improved handling at low temperatures.
5. Silica tapes are made of amorphous silica fiber and contains no asbestos or ceramic fibers.

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the AVSIL[®] Adhesive backed silica slit tape. AVSIL[®] Adhesive Backed Silica Slit Tape 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 AVSIL[®] Adhesive Backed Silica Slit Tape in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of the AVSIL[®] Adhesive Backed Silica Slit Tape 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.