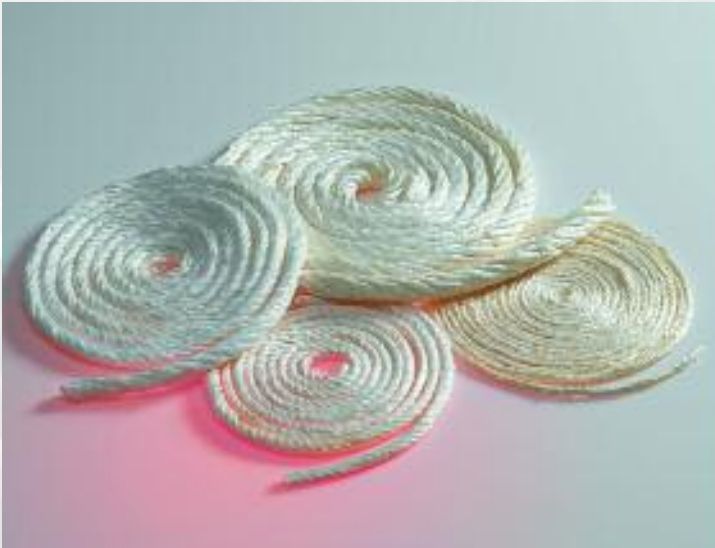




# AVSiI Silica Rope



## PRODUCT DESCRIPTION

AVSiI amorphous Silica Ropes are used for high temperature packings and sealing applications. To improve handling and installation of the AVSiI Silica Rope, it has the standard H coating which will start to decompose at a temperature above 500°F (260°C). There are two rope constructions available – Twisted and Braided. Application temperature are up to 1800°F (980°C).

AVSiI Silica Ropes can be surface modified upon request with knitted wire constructions to improve surface abrasion resistance and compression properties.

## POTENTIAL PRODUCT APPLICATIONS

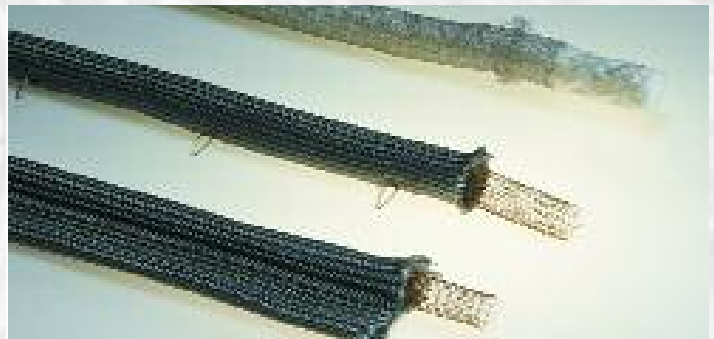
- Furnace Door Gaskets
- Core for Tadpole Gaskets
- Seals for Casting Molds
- Packings for Electric Transformers
- Packings for Continuous Casters
- Packings for Coke Oven Doors
- Packings for Boilers

| AVSIL SILCA ROPE - TWISTED |          |
|----------------------------|----------|
| PRODUCT NUMBER             | DIAMETER |
| TR-H-1/4                   | 1/4 in.  |
| TR-H-3/8                   | 3/8 in.  |
| TR-H-1/2                   | 1/2 in.  |
| TR-H-3/4                   | 3/4 in.  |
| TR-H-1                     | 1 in.    |

Standard roll size is 100 ft. except TR-H-1 which is supplied in 75 ft. rolls.

| AVSIL SILCA ROPE - BRAIDED |           |
|----------------------------|-----------|
| PRODUCT NUMBER             | DIAMETER  |
| BR-H-1/4                   | 1/4 in.   |
| BR-H-3/8                   | 3/8 in.   |
| BR-H-1/2                   | 1/2 in.   |
| BR-H-5/8                   | 5/8 in.   |
| BR-H-3/4                   | 3/4 in.   |
| BR-H-1                     | 1 in.     |
| BR-1 3/8                   | 1 3/8 in. |
| BR-2                       | 2 in.     |

Standard roll size is 100 ft. except BR-H-1 which is supplied in 75 ft. rolls. BR-1 3/8 and BR-2 are uncoated and supplied in 45 ft. ± 10% lengths. The BR-2 is jacketed with an outer sleeve.



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.