# High Silica Fabric -- Yarn and chopped strands (page 2)

This product is a special fiberglass fabric which contains more than 98% silicon dioxide.

- Excellent heat resistance, it can withstand continuous temperatures of 900 degrees celsius for long periods of time,
- Instantaneous temperatures of up to 1400 degrees celsius.
- Ideal material for missile and rocket manufacture in the aerospace industry where high-temperature burning occurs.
- Other products include yarn and filtration mesh pieces which are treated with a high-temperature heat resistance coating.
- This product is ideal for heat preservation material, fire fighting equipment like fire curtains and fireproof garments.
- Very good in dust collection and filtration equipment where special material is needed to withstand high temperature gas, and in filtering high-temperature liquid metal.

**High Silica Fabric Specifications**

| Product No. | Thickness (mm) | Mass (g/m2) | Width (mm) | Length/Roll (m) | Weave Type |
|---|---|---|---|---|---|
| BWT100 | 0.10 | 80 | 820 | 150 | Plain |
| SH-330 | 0.33 | 180 | 860 | 60 | Satin |
| BWT260 | 0.26 | 240 | 820 | 85 | Plain |
| JSS1882HT | 0.36 | 340 | 860 | 85 | Plain |
| SH-1884<br>BWT-600-86 | 0.65 | 600 | 860 | 50 | Satin |
| SH-1584<br>BWT-760-86 | 0.76 | 680 | 860 | 50 | Satin |
| SH-1888<br>BWT-1260-86 | 1.26 | 1150 | 860 | 30 | Satin |
| JSS-1885 | 1.50 | 1300 | 860 | 30 | Satin |
| SH-1510 | 1.50 | 1360 | 860 | 30 | Satin |

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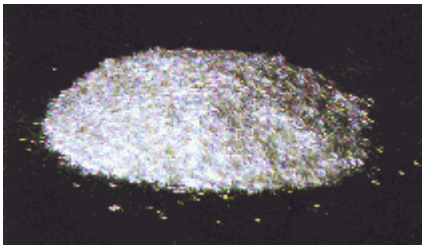
## High Silica Yarn

This yarn has a fixed length and is used for phenolic resin reinforcement and deforming of centering resistant wares.

- Length (nominal): 950 +/- 150mm
- Density (nominal): 85 +/- 15tex
- Breaking strength: >= 4.0 N
- SiO2 content: >=96%
- Loss on ignition: <=3%

## High Silica Chopped Strands

High silica chopped strands is made from high silica yarn (as above).



- Cut length: 6mm
- Filament diameter: 7 micron
- Density (nominal): 85 +/- 15tex
- Breaking strength: >= 4.0 N
- SiO2 content: >=96%
- Loss on ignition: <=3%

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