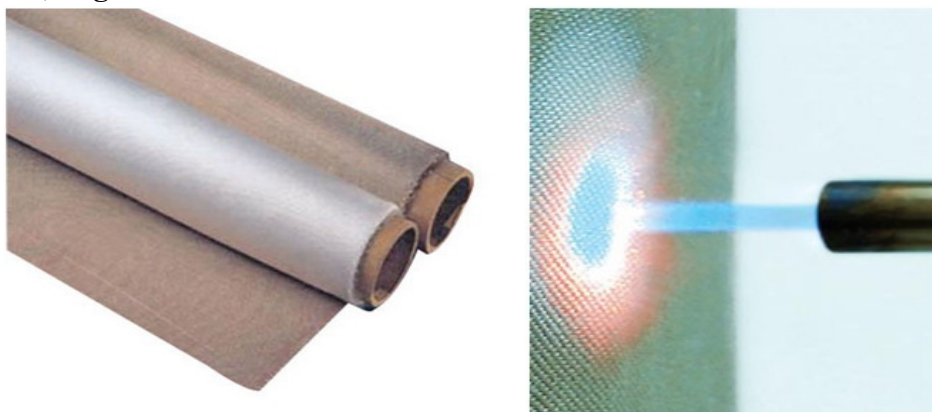


6.1, High silica fabric



Silica fabric is a high performance fiberglass fabric which contains more than 96% SiO₂, it features excellent heat resistance and can withstand continuous temperatures of 1,000 C.deg for long periods of time, and up to 1,650 C.deg for limited periods. The fabric is primarily used in hot work such as welding and burning operations and also useful for thermal and electrical insulation in stress relieving. It is available in a wide variety of fabricated forms including curtains, seals, pads, cloth and hemmed blankets.

Our **Preshrunk** versions of high silica fabric are identified by its White color, which is used in applications where shrinkage cannot be tolerated.

And our **Standard** (none-preshrunk) silica fabrics are Tan color.

The fabrics can also be treated by PTFE to enhance abrasion resistance.

Specifications:

Style	Thickness (mm)	Width (cm)	Weight (g/m ²)	Breaking strength (N/25x100mm)		Thread count (ends/cm)		Weave
				Warp	Weft	Warp	Weft	
SF100	0.1	82	87	70	50	17.5	17.5	Plain
SF260	0.26	82	240	290	190	14	14	Plain
SF600	0.65	92-Tan/86,123	580	1200	1000	19.5	17	Satin 8HS
SF760	0.76	92-Tan/86	680	1500	1200	17.5	14.5	Satin 8HS
SF1300	1.3	92-Tan/86, 153-Tan/135	1250	2000	1300	19	12.5	Satin 12HS

Application:

- Used for high temperature protection,thermal insulation.
- Welding/cutting/grinding, molten metal splash protection.
- Heat and flame shielding, stress relief ,electrical insulation.
- House and cable protection and emergency fire blankets.
- Expansion joints and sealing industry.