

Technical Data Sheet (TDS)

RUI SHUN High Silica Fiberglass Fabric

Product Summary

RUI SHUN High Silica Fiberglass Fabric is a high-temperature resistant textile made from $\geq 96\%$ silica fibers, providing stable performance up to 1000°C for insulation and industrial protection.

Technical Specifications

Item	Value
Silica (SiO_2) Content	$\geq 96\%$
Continuous Temperature	$900\text{--}1000^{\circ}\text{C}$
Softening Point	$\sim 1700^{\circ}\text{C}$
Fabric Weight	$300\text{--}1100\text{ g/m}^2$
Thickness	$0.3\text{--}1.3\text{ mm}$
Weave Type	Satin / Plain
Width	$0.9\text{--}1.2\text{ m}$ (customizable)
Thermal Shrinkage	$< 4\%$ at 1000°C
Tensile Strength	$600\text{--}1200\text{ N/25 mm}$
Chemical Resistance	Excellent
Electrical Insulation	Good
Color	White / Golden (treated)

Key Features

Features

High temperature resistance up to 1000°C

Low thermal shrinkage, good insulation

Non-asbestos, safe handling

Strong tensile strength & durability

Chemical and molten metal splash resistant

Flexible, easy for sewing & fabrication

Typical Applications

Applications

Welding blankets & curtains

Fire blankets / thermal shields

Furnace & kiln insulation

Heat protection covers

Metallurgical splash protection

High-temperature filtration

Available Options

Customization

PU / Vermiculite / Graphite / Silicone coating

Custom thickness / weight / width

Custom roll length

Heat-cleaning or special surface treatment

Contact

E-mail: rssale651@czrsxcl.com WhatsApp: +86 18068755165