

## Silicone Coated Silica Fabric

Silicon-coated silica fabric is produced on modern equipment by the company "Multitex". The basis for the coating is a silica fabric of satin weaving of the KT-11-S 8/3 brand, produced according to TU 13.20.46-240-18087444.2018.

Advantages of Silicone Coated Silica Fabrics:

- the coating can withstand higher temperatures without starting to degrade (250°C vs. 180°C for a polyurethane-based coating),
- more flexible than polyurethane coated fabrics,
- the price is lower than European analogues with the same technology and quality of coating,
- thermochemical resistance (resistance to acids) is higher in comparison with traditional analogues (tarpaulin).

Product Code:	KT 640 S1	KT 700 S2
		
Material:	Silica Fiber Fabric	Silica Fiber Fabric
Weave:	satin 8/3	satin 8/3
Coating:	Silicone-based composition with flame retardant additives	
Type of coating:	1 Side	2 Side
Weight:	650 g/m <sup>2</sup>	700 g/m <sup>2</sup>
Thickness of Coated Fabric:	0.6 mm	0.65 mm
Tensile Strength Warp:	1300 N/2.5 cm	1200 N/2.5 cm
Tensile Strength Weft:	800 N/2.5 cm	800 N/2.5 cm
Base Cloth Temperature Range:	-200 / +1100°C	-200 / +1100°C
Coating Temperature Range:	-60 / +250°C	-60 / +250°C

### Silicone-coated silica fabrics are used as:

- heat and flame shielding
- fabrics and canvas for fire curtains
- protective fabric for welding (welding cloth)
- jacketed vessel insulation covers
- fabrics for sewing protective covers for equipment operating in extreme conditions
- materials for fabric expansion joints in chemical industries
- materials for the production of heat-resistant products for non-ferrous metallurgy

Non-combustible silica fabrics with silicone coating are produced according to TU 5952-001-16867008-2014 ed.№5 from 04/27/2021 with a width of 920 to 1200 mm. (production of a larger or smaller width is allowed at the request of the customer).

Fabrics are wound into a roll with a sleeve and packaged in plastic wrap.

Guaranteed shelf life – 1 year from the date of manufacture.

All products are certified.