

## Technical Data Sheet

### **Silica fabric S1220 VD2 - Satin**

(Item nr. 100.560, 100.563, 100.564, 100.565, 100.566)

Material	Silica fiber fabric (SiO <sub>2</sub> min. 94 – 96%)	
Weight	1100 gr/m <sup>2</sup> (± 100)	DIN EN 12127
Thickness	1,3 mm (±15%)	DIN EN ISO 5084
Width	92 /152 cm (± 1)	DIN EN 1773
Roll length	50 meters	
Weave style	Satin 12/5	ISO 9354
Construction	warp 17 threads/cm (± 1)	EN 1049-2
	weft 13 threads/cm (± 1)	EN 1049-2
Tensile strength (indicative value)	warp 705 N/cm (± 72)	EN ISO 13934-1
	Weft 550 N/cm (± 56)	EN ISO 13934-1
Coating	vermiculite coating both sides	
Total weight	1200 gr/m <sup>2</sup> (± 100)	DIN EN 12127
Temperature	fabric: 700°C - 1000°C (depending on application)	
Melting point	1700°C	

Silica fabrics have an excellent temperature resistance and are being used in insulation of turbines and as welding protection.

This material is resistant to liquid parts of metal.

Silica fabrics have a good chemical resistance except against HF-acid, Phosphor acid, and HCL acids as well as against Alkali Mg, Na, Si.

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*Changes, that will serve the technical performance, can be added without prior notice. This technical data is based on our present knowledge and only for information.*