

INSULCLOTH 1000S

Material	:	Silica (SiO ₂ min.95%)
Construction	Warp	: 17 yarns/cm EC9 400 Tex
	Weft	: 13 yarns/cm EC9 400 Tex
Weight	:	1220 gram/m ²
Weave	:	atlas 12/7
Finish	:	T1000 T 1000 finish provides Silica fabric a better mechanical tensile strength at higher temperatures.
Colour	:	light green
Thickness	:	1.3 mm
Tensile strength	Warp	: 730 N/cm
	Weft	: 600 N/cm
Width	:	92 cm
Temperature resistance	:	1000°C (depending on the application)
Melting Temperature	:	1700°C
Shrinkage at 1000°C	:	10 - 15 %

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

Silica fibers have a good chemical resistance except HF acids, Phosphor acids and HCL acids and also to Alkali MG, Na, Si.

Also available in pre-shrunked version.