## **INSULCLOTH 1000S**

Material		:	Silica (SiO <sub>2</sub> min.95%)
Construction	Warp Weft	: :	17 yarns/cm EC9 400 Tex 13 yarns/cm EC9 400 Tex
Weight		:	1220 gram/m <sup>2</sup>
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 Weft	:	730 N/cm 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.

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