

Silica Glass 1150gsm

Elliotts Silica Glass is made from a silicon dioxide fibre. These are manufactured by chemically leaching continuous filament fibres made from borosilicate E Glass (CAS-65997-17-3). A process which results in the production of hydrated amorphous silica. The filament diameters are uniform, size approx 8 micron and are therefore above the maximum size considered to be respirable (approx 3 micron). They will not sub-divide into fibrils of smaller diameter. The fibres contain small amounts of a hydro-carbon surface dressing (<2%). The fabric is coated with a non hazardous vermiculite compound..

Identification	
Identification reference	113100
Description	Silica fabric
Weave	12-H Satin
Finish	Vermiculite, tapered edge
ENDS / DM	170
PICKS / DM	130
Weight (g/m ²)	1150
Thickness (mm)	1.3
Silica content	94
Tensile strength	
Warp (N/cm)	3700
Weft (N/cm)	3000
Melting temperature	1600°C
Service temperature	Up to 1000°C
Roll length (metre)	45 to 50
Roll width (mm)	920

N.B. Unless otherwise stated, all values quoted are nominal measurements.

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