

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	High Silica fabric
Weave	8-H Satin
Finish	Vermiculite, tapered edge
ENDS / DM	50
PICKS / DM	44
Weight (g/m ²)	1150
Thickness (mm)	1.3
Silica content	96
Tensile strength	
Warp (N/cm)	3050
Weft (N/cm)	2598
Melting temperature	1700°C
Service temperature	Up to 1100°C
Roll length (metre)	50
Roll width (mm)	920

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

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