

# Graphite Coated Glass Cloth

## Technical Data Sheet



### Finished Fabric

Properties	Value	Unit	Tolerance
Weight	1100	g/m <sup>2</sup>	± 5%
Thickness	1.3	mm	± 5%
Useable Width (Standard)	1000	mm	± 5%
Roll Length (Standard)	25	m	-
Maximum Operating Temperature	600*	°C	-
Colour / Description	Black fibre both sides.		

### Base Fabric Construction

Properties	Value	Unit	Tolerance
Weight	1000	g/m <sup>2</sup>	± 5%
Weave Pattern	Plain	-	-
Construction:			
- Warp	5.0	per cm	± 5%
- Weft	3.0	per cm	± 5%
Yarn Count:			
- Warp	ET9 1250	Tex	-
- Weft	ET9 1250	Tex	-
Tensile Strength:			
- Warp	4500	N/5cm	± 10%
- Weft	2600	N/5cm	± 10%

### Treatment / Coating Details

Properties	Value	Unit	Tolerance
Weight	100	g/m <sup>2</sup>	± 10%

100g/m<sup>2</sup> of graphite / silicone solution evenly distributed across both sides.

### Additional Information

Base Fabric will withstand +600°C (unstressed), melting point >800°C.

The graphite solution increases the fabric temperature resistance, can improve its performance where flexing is involved.

Glass fibre is inherently non-flammable, and the finished product is non-combustible.

All recommendations and information contained on this data sheet are, to the best of our knowledge, correct. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied in respect of information or recommendations, or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.