

## GRAPHITE TREATED E-GLASS CLOTH - CODE: AHSM300

<u>Finished Fabric</u>	<u>Units</u>	<u>Value</u>	<u>Tolerance</u>
Weight	g/m <sup>2</sup>	1100	±5%
Thickness	mm	1.3	±5%
Useable width (standard)	mm	1000,1500	±5%
Roll Length (standard)	mtr	25	
Maximum operating temp.	°C	600*	
Colour/Description	Black fibres both sides		

### Base Fabric Construction

Weight	g/m <sup>2</sup>	1000	±5%
Weave pattern		Plain	
Construction			
Warp	per cm	5.0	±5%
Weft	per cm	3.0	±5%
Yarn count			
Warp	Tex	ET9 1250	
Weft	Tex	ET9 1250	
Tensile strength			
Warp	N/5cm	4500	±10%
Weft	N/5cm	2600	±10%

### Treatment/Coating Details

Weight	g/m <sup>2</sup>	100	±10%
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100g/m<sup>2</sup> Graphite/silicone solution evenly distributed across both sides

### Comments

\*Base fabric will withstand 600°C (unstressed), melting point >800°C

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

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