



# Technical Data Sheet – HS650AR

Issue no. 05

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## VERMICULITE TREATED SILICA CLOTH - 96% SILICA CONTENT

<u>Finished Fabric</u>	<u>Units</u>	<u>Value</u>	<u>Tolerance</u>
Weight	g/m <sup>2</sup>	650	±5%
Thickness	mm	0.7	±5%
Useable width (standard)	mm	920	±5%
Roll Length (standard)	mtr	50	
Maximum operating temp.	°C	1000*	
Colour/Description	Golden fibres both sides		

### Base Fabric Construction

Weight	g/m <sup>2</sup>	620	±5%
Weave pattern		8H Satin	
Construction			
Warp	per cm	18.8	±5%
Weft	per cm	13.3	±5%
Yarn count			
Warp	Tex	6 $\mu$ 200	
Weft	Tex	6 $\mu$ 200	
Tensile strength			
Warp	N/5cm	>4000	±10%
Weft	N/5cm	>2000	±10%

### Treatment/Coating Details

Weight	g/m <sup>2</sup>	30	±10%
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30g/m<sup>2</sup> vermiculite treated evenly distributed across both sides

### Comments

\*Base fabric will withstand 1000°C (unstressed), melting point >1600°C

The vermiculite treatment gives the cloth added abrasion resistance.

<10% shrinkage, tested at 900°C for 4 hours.

If you have any technical queries please feel free to phone us: 01422 311 607.

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