

FirePro Plus Vermiculite Treated Silica Cloth, 96% Silica

FirePro Plus Technical Data Sheet - HS1250AR/920

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Vermiculite Treated Silica Cloth - 96% Silica Content

Product code: HS1250AR/920

Finished Fabric	Units	Value	Tolerance
Weight	g/m2	1150	±5%
Thickness	mm	1.3	±5%
Useable width (standard)	mm	920	±5%
Roll length (standard)	m	50	
Maximum operating temp. (see fire safety table)	°C	1000	
Colour		Golden fibres both sides	

Base fabric construction: 1100 g/m2 (±5%), 12H satin weave, warp 19.0/cm (±5%), weft 14.0/cm (±5%), yarn count SY9 60 2x4 (warp & weft).

Tensile strength: Not stated on source data sheet.

Treatment/coating: 50 g/m2 (±10%) vermiculite treatment, evenly distributed across both sides.

Comments: Base fabric withstands 1000°C unstressed, short periods up to 1200°C unstressed, melting point >1600°C. The vermiculite treatment gives the cloth added abrasion resistance. Shrinkage <10%, tested at 900°C for 4 hours.

Fire safety summary

Parameter	Value	Notes
Base silica fibre (96% silica)	1000°C continuous (unstressed); 1200°C short periods; melting point >1600°C	Inherently non-flammable mineral fibre
Fire classification	EN 13501-1:2018 - A1	Fire classification of

		construction products and building elements, Part 1
Shrinkage	<10% at 900°C for 4 hours	Tested on base fabric
Abrasion resistance	Enhanced by vermiculite treatment	

All figures above are reproduced from the underlying textile manufacturer's technical data and are guides only. Tolerances apply as stated. If any value is of critical importance to your application, we strongly recommend independent testing. Test methods mentioned are guides only; actual methods may differ slightly in practice. Suitability of the product for any specific application is at the discretion of the user.

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