

FirePro Plus Weldblock Glass Cloth Roll

FirePro Plus Technical Data Sheet - 1096WB

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Vermiculite Treated Glass Cloth - Weldblock

Product code: 1096WB

Finished Fabric	Units	Value	Tolerance
Weight	g/m ²	1080	±5%
Thickness	mm	1.3	±5%
Useable width (standard)	mm	1000	±5%
Roll length (standard)	m	25	
Maximum operating temp. (see fire safety table)	°C	1000	
Colour		Golden-beige each side	

Base fabric construction: 1000 g/m² (±5%), plain weave, warp 5.0/cm (±5%), weft 3.0/cm (±5%), yarn count ET9 1250 (warp & weft).

Tensile strength: Warp 6000 N/5cm (±10%), Weft 3000 N/5cm (±10%).

Treatment/coating: 80 g/m² (±10%) vermiculite dispersion, evenly distributed across both sides.

Comments: The mineral-based aqueous dispersion treatment provides a coating of platelets which, at high temperatures, melt to protect the glass fibres from a direct heat source. The cloth will hold molten metal at temperatures up to 1000°C long enough for it to cool and solidify. After exposure to 1000°C the cloth will have embrittled locally. Other versions of this cloth are available in different weights and widths.

Fire safety summary

Parameter	Value	Notes
Base glass fibre	Inherently non-flammable	Standard property of E-glass fibre
Continuous operating	Up to 1000°C	Vermiculite treatment

temperature (unstressed)		protects the fibres from direct heat
Behaviour after max-temp exposure	Localised embrittlement	Cloth should be inspected/replaced after high-temp exposure
Fire classification	Not tested/stated	No EN 13501-1 or equivalent classification held for this product

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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