

FirePro Plus Weavelocked Glass Cloth Roll - White

FirePro Plus Technical Data Sheet - 8590WL701

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Weavelocked E-Glass Cloth

Product code: 8590WL701

Finished Fabric	Units	Value	Tolerance
Weight	g/m ²	445	±5%
Thickness	mm	0.4	±5%
Useable width (standard)	mm	1300 (supplied slit to 1000mm)	±5%
Roll length (standard)	m	50	
Maximum operating temp. (see fire safety table)	°C	550	
Colour		White fibres both sides	

Base fabric construction: 425 g/m² (±5%), 4H satin weave, warp 19.2/cm (±5%), weft 11.2/cm (±5%), yarn count EC9 136 (warp & weft).

Tensile strength: Warp 4800 N/5cm (±10%), Weft 3700 N/5cm (±10%).

Treatment/coating: 20 g/m² (±10%) white non-flammable weavelock finish, evenly distributed across both sides.

Comments: Base fabric withstands continuous temperatures up to 550°C unstressed; the weavelock finish begins to thermally degrade upon exposure to temperatures above 150°C. The weavelock is an economical finish which stabilises the glass fibres, allowing for easier cutting/tailoring.

Fire safety summary

Parameter	Value	Notes
Base glass fibre	Inherently non-flammable	Standard property of E-glass fibre
Continuous operating temperature (unstressed)	Up to 550°C	Base fabric rating

Weavelock finish limit	Begins to degrade above 150°C	Finish is cosmetic/handling aid, not the primary heat barrier
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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