

DATASHEET: 426-AL

Description

P-D Interglas 426 - AL is a medium weight fibreglass fabric laminated to an 18 micron aluminium foil. This product is specifically designed for applications in harsh and severe environments, the laminate is high temperature and fire resistant and reflective on one face.

Applications: Removable insulation pads, flange and valve covers, mattresses, automotive bellows and heat shields, equipment covers and protective safety clothing.

<u>Parameter</u>	<u>Technical Data</u>		<u>Tolerance</u>	<u>Test Methods</u>
Yarn	Warp	EC11 204		DIN EN 12654
	Weft	EC11 204		
Thread Count	Warp	14.0 per 1 cm	± 0.5	DIN EN 1049
	Weft	14.0 per 1 cm	± 0.5	DIN EN 1049
Weave	Double Plain Square			DIN ISO 9354
Tensile Strength (typical)				DIN EN 12654
	Warp	1700 N/cm		
	Weft	1700 N/cm		
Weight	600	g/m ²	± 5%	DIN EN 12127
Laminate				
Composition	Woven E-glass fabric / HT adhesive / 18 micron aluminium foil			
Weight	695	g/m ²	± 10%	DIN EN 12127
Thickness (typical)	0.71	mm	± 10%	DIN ISO 4603/E
Temperature Resistance	-36 to 200 ° C HT adhesive tolerates 260 ° C for short periods glass fabric and aluminium foils maintain integrity up to 600 ° C			

Important - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All P-D Interglas materials described herein are sold subject to the P-D Interglas conditions of sale, a copy of which is available on request.

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