



VALMIERA GLASS®

DATASHEET: TG-430-G-PU-2

Description

TG-430-G-PU-2 is a medium weight fibre glass fabric with a specially formulated aluminium pigmented and fire retardant polyurethane, which provides a heat reflecting surface as well as other properties for the manufacturing of smoke and fire curtains, blinds, cavity wall barriers and other smoke and fire control systems. This product can also be used for the manufacture of removable insulation pads, flange and valve covers, welding curtains and equipment covers. It can also be used as an alternative to foil faced laminates in less demanding end uses.

Technical Data

Base Fabric				Tolerance	Test Methods
Yarn	Warp	EC9 -136		± 5%	BS EN 12654
	Weft	EC9 -136			
Thread Count	Warp	19.0	per 1 cm	± 5%	DIN EN 1049
	Weft	11.0	per 1 cm		
Tensile Strength (typical)					ISO 4606
	Warp	1100	N/cm		
	Weft	650	N/cm		
Weight		430	g/m ²	± 5%	EN 12127
Weave		4 Shaft Satin			DIN ISO 9354

Coated Fabric

Coating	Fire retardant Silver Polyurethane on both faces				
Weight		470	g/m ²	± 10%	EN 12127
Thickness		0.41	mm	± 10%	ISO 4603
Tensile Strength (typical)	Warp	1300	N/cm		ISO 1421
	Weft	900	N/cm		
Temperature Resistance	-36 to 200 ° C				
TG-430-G-PU-2 will tolerate 180 ° C for short periods, and the base glass fibre fabric maintains integrity up to 600 ° C					

Fire Test Standards

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 Valmiera Glass materials described herein are sold subject to the Valmiera Glass conditions of sale, a copy of which is available on request.

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