



DATASHEET: TG430-CB-PU-2 (Black) Description

TG430-CB-PU-2 is a medium weight fibre glass fabric with a specially formulated antistatic black pigmented fire retardant polymer, this provides a high resistance to abrasion, flexing tear and puncture. This product is specifically designed for the manufacture of smoke and fire curtains, covers, welding screens and other types of smoke and fire control systems. This material is halogen free, and the coated face has improved resistance to hydrolysis and offers a rigid handle.

Technical Data

Base Fabric				Tolerance	Test Methods
Yarn	Warp	EC9 -136		± 5%	DIN EN 12654
	Weft	EC9 -136			
Thread Count	Warp	19.0	per 1 cm	± 5%	DIN EN 1049
	Weft	11.0	per 1 cm		
Weave	3 /1 broken twill				DIN ISO 9354
Base Weight		420	g/m ²	± 5%	DIN EN 12127
Coated Fabric					
Coating	High Integrity conductive black Polyurethane coating on both faces				
Weight		470	g/m ²	± 5%	DIN EN 12127
Thickness		0.4	mm	± 10%	DIN ISO 4603/E
Tensile Strength (Typicall)	Warp	900	N/cm	.	DIN ISO 4606
	Weft	500	N/cm		
Temperature Resistance			-36 to 200 ° C		
Electrical resistivity (500volt applied)			5 x 10 ⁴ Ω		

TG-430-CB-PU-2 tolerates 180° C for short periods of time
glass fibre fabric maintains integrity up to 600° C

Fire Standards & Approvals: TBC

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.