

Datasheet

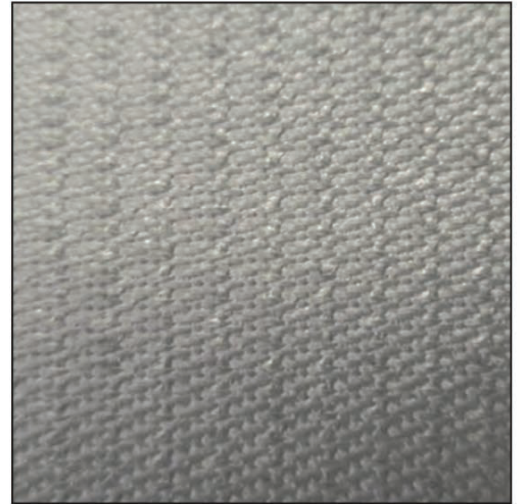
KENT VWG690 FABRIC



DESCRIPTION

VWG690 is a specially formulated heavyweight fibreglass fabric, reinforced with stainless steel wire and coated with fire retardant aluminum pigmented polyurethane on both sides of the fabric. It is tested to BS 476 Pt 6 (fire propagation) and Pt 7 (surface spread of flame) and has achieved the best result of Class 0 for both.

When tested to EN 1634-1 as the full Kent Automatic Fire Curtain Assembly, the fabric achieved a fire resistance of 180 minutes. The finished curtain fabric is carefully sewn with stainless steel thread to achieve a factory produced hems at the top and the sides. In addition, when tested in accordance to UL 10D, at 1800 F, the material achieved a 2 hour rating.



SPECIFICATION

	Data	Tolerance	Test Method
Thickness	0.54mm	± 10%	DIN ISO 4603/E
Base Fabric Weight	640g/m ²	± 5%	DIN EN 12127
Coated Fabric Weight	690g/m ²	± 10%	DIN EN 12127
Base Fabric Yarn (Warp)	EC9 68 x 2 + IV1 S/S wire		DIN EN 12654
Base Fabric Yarn (Weft)	EC9 68 x 2 + IV1 S/S wire		DIN EN 12654
Thread Count (Warp)	16.0 per 1 cm	± 5%	DIN EN 1049
Thread Count (Weft)	15.3 per 1 cm	± 5%	DIN EN 1049
Coated Side	Both sides		
Thread	Stainless Steel		
Standard Color	Grey		
Coated Fabric Tensile Strength (Warp)	500 N/cm		DIN ISO 4606
Coated Fabric Tensile Strength (Weft)	450 N/cm		DIN ISO 4606
Weave	8 Shaft Satin		DIN ISO 9354
BS476 Pt 6. and Pt 7.	Class 0		
EN 13501-1	A2,s1,d0 & BG Nr.119.122		