

# DATASHEET

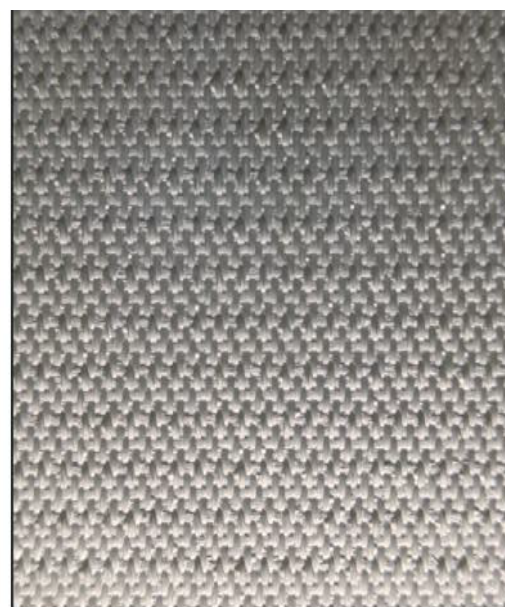
## KENT VWG520 FABRIC



### DESCRIPTION

VWG520 is a specially formulated medium weight fibre glass fabric, reinforced with stainless steel wire and coated with a 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. The fabric is halogen free with low gas permeability.

When tested to EN 1634-1 as the full Kent Automatic Fire Curtain Assembly, the fabric achieved a fire resistance of 120 minutes. The finished curtain fabric is carefully sewn with stainless steel thread to achieve a factory produced hems at the top and the sides.



Specifications	Data	Tolerance	Test Method
Thickness	.60mm	± 10 %	DIN ISO 4603/E
Base Fabric Weight	470g/m <sup>2</sup>	± 5 %	DIN EN 12127
Coated fabric weight	520g/m <sup>2</sup>	± 10 %	DIN EN 12127
Base Fabric Yarn (Warp)	EC9-136 EC9 68x2 ÷ IV1 s/s wire		DIN EN 12654
Base Fabric Yarn (Weft)	EC9-136 EC9 68x2 ÷ IV1 s/s wire	± 5 %	DIN EN 12654
Thread Count (Wrap)	13.9 per 1cm	± 5 %	DIN EN 1049
Thread Count (Weft)	4.7 per 1 cm	± 5 %	DIN EN 1049
Coated Side	Both Sides		
Thread	Stainless Steel		
Standard Color	Grey		
Coated Fabric Tensile Strength (Wrap)	850 N/cm		DIN ISO 4606
Coated Fabric Tensile Strength (Weft)	750 N/cm		DIN ISO 4606
Weave	2 x 2 Broken Twill		DIN ISO 4606
BS 476 Pt 6 & Pt 7	Class 0		