

## 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.



| Specifications                        | Data                      | Tolerance | Test Method    |
|---------------------------------------|---------------------------|-----------|----------------|
| Thickness                             | .54mm                     | ± 10 %    | DIN ISO 4603/E |
| Base Fabric Weight                    | 640g/m <sup>2</sup>       | ± 5 %     | DIN EN 12127   |
| Coated fabric weight                  | 690g/m <sup>2</sup>       | ± 10 %    | DIN EN 12127   |
| Base Fabric Yarn (Warp)               | EC9-136<br>EC9 68x2 ÷ IV1 |           | DIN EN 12654   |
| Base Fabric Yarn (Weft)               | EC9-136<br>EC9 68x2 ÷ IV1 |           | DIN EN 12654   |
| Thread Count (Warp)                   | 16 per 1cm                | ± 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                  |           |                |
| Coated Fabric Tensile Strength (Weft) | 450 N/cm                  |           |                |
| Weave                                 | 8 Shaft Satin             |           |                |
| BS 476 Pt 6 & Pt 7                    | Class 0                   |           |                |
| EN 23501-1                            | A2.s1.d0 & BG Nr. 119.112 |           |                |