

# DSI VWG690 FABRIC

## Smoke and Fire Curtain 3-hour Option

DATA CUT SHEET

VWG690 is a specially formulated heavyweight fiberglass 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 DSI Smoke and 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 factory produced hems at the top and the sides. In addition, when tested in accordance with UL 10D, at 1800F, the material achieved a 4-hour fire rating.



### Specifications

Specifications	Data	Tolerance	Test method
Thickness	.54mm	± 10 %	DIN ISO 4603/E
Base Fabric Weight	640g/m2	± 5 %	DIN EN 12127
Coated fabric weight	690g/m2	± 10 %	DIN EN 12127
Base Fabric Yarn (Warp)	EC9-136 / EC9 68x2 ÷ IV1		DIN EN 12654
Base Fabric Yarn (Weft)	EC9-136 / EC9 68x2 ÷ IV1		DIN EN 12654
Thread Count ( Wrap)	16 per 1cm	± 5 %	DIN EN 1049
Thread Count ( Weft)	15.3 per 1 cm	± 5 %	DIN EN 1049
Coated Fabric Tensile Strength (Wrap)	500 N/cm		
Coated Fabric Tensile Strength (Weft)	450 N/cm		
Weave	8 Shaft Satin		

  

Specifications	Description
Coated Side	Both Sides
Thread	Stainless Steel
Standard color	Grey
BS 476 Pt 6 & Pt 7	Class 0
EN 23501-1	A2.s1.d0 & BG Nr. 119.112



### GUARANTEED QUALITY

Door Systems guarantee high quality products, tested to both UL and BS standards.



The **SMOKE & FIRE CONTAINMENT** People  
 (866) 534-DOOR (3667) | doorsysinc.com | contact@doorsysinc.com