

# DSI HS690-SS FABRIC- UL 10B

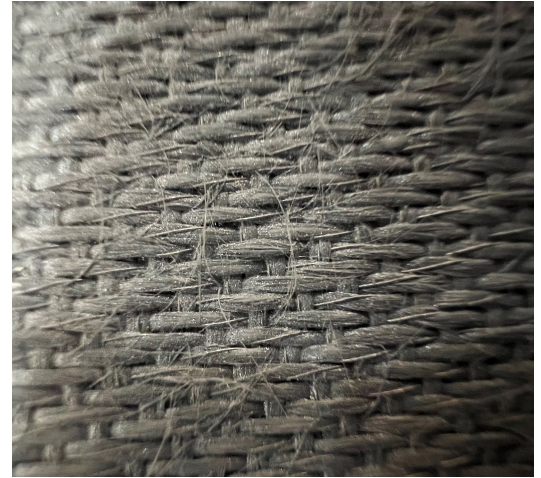
DATA CUT SHEET

## Hose Stream Rated Smoke and Fire Curtain

HS690-SS is a stainless-steel wire reinforced glass fabric with a specially formulated aluminum pigmented, fire retardant silicone elastomer coating on both sides. That achieves a high temperature resistance of up to 2012 °F and maintains integrity thanks to its UL 10B label, with up to 180 minute rating that includes the Hose Stream Test.

The material does not generate toxic emissions, has a good resistance to hydrolysis and offers the convenience of being flexible and light weight.

The finished curtain fabric is carefully sewn with stainless steel thread to achieve factory produced hems at the top and the sides. Using a combination of woven fiberglass, stainless steel wire reinforcement and silicone coating, the HS690-SS fabric is the ideal choice for openings that need to be resistant to higher temperatures.



### Specifications

Specifications	Data	Tolerance	Test method
Thickness	.65mm	± 10 %	DIN ISO 4603/E
Base Fabric Weight	640g/m2	± 5 %	DIN EN 12127
Coated fabric weight	840g/m2	± 10 %	DIN EN 12127
Base Fabric Yarn (Warp)	EC9 68x2 + IV1 S/S Wire		DIN EN 12654
Base Fabric Yarn (Weft)	EC9 68x2 + IV1 S/S Wire		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)	730 N/cm		DIN ISO 4606
Coated Fabric Tensile Strength (Weft)	700 N/cm		DIN ISO 4606
Weave	8 Shaft Satin		DIN ISO 9354

Specifications	Description
Coating	Fire retardant Silicone with added Aluminum pigment on both sides
Thread	Stainless Steel
Standard color	Grey
Stitching Thread - Tensile Strength	81N
EN 13501	Classified as A2,S1,D0



### GUARANTEED QUALITY

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



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