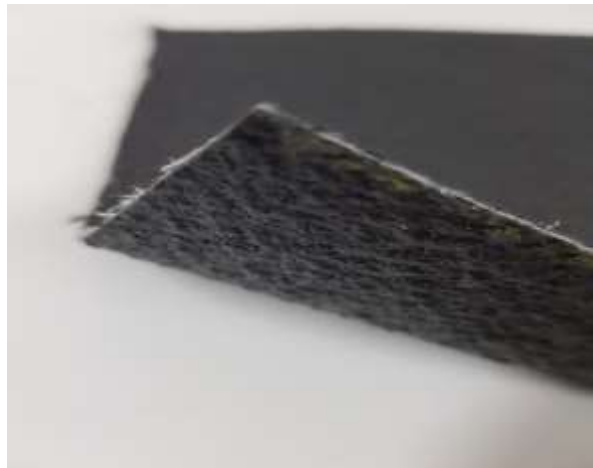


Product Data

Darco DEF1750/2/BI/EU

Style **DEF1750/2/BI/EU** is a premium EU-grade fiberglass fabric with a specially formulated intumescent fire retardant silicone elastomer which is reinforced with stainless steel wire. When exposed to temperatures of 140°C the coating system will form an expanding intumescent char that provides a thermally insulating barrier. The material does not generate toxic emissions, and has a good resistance to hydrolysis whilst still having a flexible handle. Specifically designed for smoke and fire curtains, blinds, cavity wall barriers and other types of smoke and fire control systems.



Specification Data

BASIC FABRIC			TESTING METHOD
YARN	Warp	EC9 68 x 2 + IV1 S/S Wire	DIN EN 12654
	Weft	EC9 68 x 2 + IV1 S/S Wire	
THREAD COUNT	Warp	16	DIN EN 1049
	Weft	15.3	
TENSILE STRENGTH	Warp	930 N/cm	DIN EN 12654
	Weft	900 N/cm	
WEIGHT		640g/m ²	DIN EN 12127
WEAVE		8 Shaft Satin	DIN ISO 9354
COATED FABRIC			
FINISHED WEIGHT		1750g/m ²	DIN EN 12127
THICKNESS		1.5mm	DIN ISO 4603/E
TENSILE STRENGTH	Warp	600 N/cm	DIN ISO 4606
	Weft	600 N/cm	
TEMPERATURE RANGE		-50 to 140°C Above 140°C the intumescent graphite will start to exfoliate, however stainless wire fabric maintains integrity up to 1100°C	
STANDARD & APPROVALS		Class 0, >120mins integrity performance to BS EN1634-1, 2008	
WIDTH		1500mm	
LENGTH		25 meters	
COATINGS / FINISHES		Coated with a fire retardant silicone and intumescent graphite on both sides.	

All data is compiled from routine samples and do not constitute a precise specification. Many of these products are based on both natural and synthetic raw material and variation will occur, especially coated textiles. Information is provided in good faith and is subject to review whenever necessary. No guarantee or warranty is implied.