

## Layer 1

Stainless steel wire reinforced, texturized glass fabric with a specially formulated Vermiculite filled, fire retardant silicone. This heavyweight coated fabric is designed to retain strength and integrity for long periods at high temperature, and is constructed to give high flexibility and drape.

Base Fabric		Technical Data			Tolerance	Test Methods
Yarn	Warp Weft	EC9 68 x 2 + IV1 S/S wire 201157 PT 9 550 S 50 + V4A				DIN EN 12654
Thread Count	Warp Weft	16.0 20.0	per 1 cm per 1 cm		± 5%	DIN EN 1049
Tensile Strength (typical)	Warp Weft	TBC TBC	N/cm N/cm	(--- lb/inch) (--- lb/inch)	min. min.	DIN EN 12654
Weight		1575	g/m <sup>2</sup>	(46 oz/yd <sup>2</sup> )	± 5%	DIN EN 12127
Weave		Special				DIN ISO 9354
Coated Fabric						
Coating	Vermiculite filled fire retardant silicone on both sides					
Weight		2200	g/m <sup>2</sup>	(64 oz/yd <sup>2</sup> )	± 10%	DIN EN 12127
Thickness		2.2	mm	(0.1 Inches)	± 10%	DIN ISO 4603/E
Tensile Strength (typical)	Warp Weft	TBC TBC	N/cm N/cm	(--- lb/inch) (--- lb/inch)		DIN ISO 4606

## Layer 2

## Outside layer of the battery-shield

Base Fabric		Technical Data			Tolerance	Test Methods
Yarn	Warp	EC9	136 tex		± 5%	DIN 53830-3
	Weft	EC9	136 tex		± 5%	
Thread Count	Warp	18,0	1/cm		± 5%	DIN EN 1049-2
	Weft	13,0	1/cm		± 5%	
Weight		430	g/m <sup>2</sup>		± 5%	DIN EN 12127
Weave		CrossTwill				ISO 9354
Temperature Resistance		550°C				

Coated Fabric				Tolerance	Test Methods
Coating	coated with high temperature flame retardant silver-grey silicone rubber on both sides.				
Weight	510	g/m <sup>2</sup>	± 10%	DIN EN 12127	
Thickness	0,36	mm	± 10%	DIN EN ISO 5084	
Tensile Strength	Warp	> 4.500	N/5cm	DIN EN ISO 13934-1	
	Weft	> 2.500	N/5cm		