



**ALUMINISED POLYESTER FILM LAMINATED  
PARA-ARAMID (KEVLAR) CLOTH**

<u>Finished Fabric</u>	<u>Units</u>	<u>Value</u>	<u>Tolerance</u>
Weight	g/m <sup>2</sup>	680	±5%
Thickness	mm	1.5	±5%
Useable width (standard)	mm	1000	±5%
Roll Length (standard)	mtr	50	
Maximum operating temp.	°C	200	
Colour/Description	Silver film one side, yellow fibres opposite		

Base Fabric Construction

Weight	g/m <sup>2</sup>	600	±5%
Weave pattern		Twill 2/2	
Construction			
Warp	per cm	14.0	±5%
Weft	per cm	7.5	±5%
Yarn count			
Warp	Tex	130/2	
Weft	Tex	260/1	

Treatment/Coating Details

Weight (film + adhesive)	g/m <sup>2</sup>	80	±10
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6 µm Aluminium sprayed polyester film ('Melinex') laminated to one face of the fabric using a silicone-based adhesive.

Comments

\*Maximum operating temperature is based on the silicone adhesive which will begin to thermally degrade at 200 °C, this *may* lead to the film delaminating from the cloth, however, a variety of factors will influence this occurrence, in particular vibration and movement.

Base fabric will withstand 250°C.

Made from 100% Para-Aramid (recycled fibre)