

VALMEX® FR 580



Lightweight – strong – versatile

VALMEX® FR 580 is a high-value technical textile for various applications, primarily for permanent and temporary tensioned structures, tents and sun shading. It has been developed by Mehler Technologies to provide architects, engineers and manufacturers with a coated fabric displaying similar characteristics as the premium VALMEX® MEHATOP F quality range on short-span shaped tensile architecture creations.

The weight of 580 gr/sqm enables applications that require very light as well as robust fabrics. VALMEX® FR 580S is a PVC coated Polyester low-wick base fabric, finished with PVDF lacquer on its top side. It is treated fungicide and UV stabilized. The flame retardancy has been verified by the major fire tests like DIN 4102: B1, NFP 92507: M2 and D.M. 26.06.84 (UNI 9177): CL. 1.

VALMEX® FR 580

Coating	PVC
Finish	PVDF lacquer on top side, fungicide, low-wick
Weight	580 g/m ²
Tensile strength (warp/weft)	2900/2700 N/50mm
Tear strength (warp/weft)	300/300 N
Adhesion	16 N/cm
Cold resistance	-30 °C
Heat resistance	+70 °C
Light fastness	>6 Note
Crack resistance	@100000 x
Width	250 cm

Different widths and several colours available on request



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