





DirectTex® PES Mesh

Fields of application

.02

Specifications

	599240 139
	100 % polyester knit fabrics PVC-free, recyclable
	ca. 160/ 252/ 320/ 505 cm ca. 63/ 99/ 126/ 199 inch other widths available on request
	B-s1, d0 DIN EN 13501-1 NFPA 701
	ca. 260 g/m ² ca. 7.7 oz/yd ²
	ca. 0.56 mm ca. 560 µm
	rolls 50 m 55 yd
	water absorption blank: 52.7 % DIN 53923
	UV stable
	blank: 3350 l/ (m ² s) 500 h: 3268 l/ (m ² s)*, 1000 h: 3332 l/ (m ² s)* DIN EN ISO 9237 (200Pa)
	blank: 6 DIN EN ISO 105-B02
	cold, ultrasonic cut
	500 h: Note 3-4*, 1000 h: Note 3-4* DIN EN 20105-A02

	warp: 1.3 % weft: 1.0 % DIN EN 14704-1
	warp: 1012.9 N weft: 1264.3 N DIN EN ISO 13934-1
	warp: 49.7 % weft: 49.6 % DIN EN ISO 13934-1
	warp: 54.1 N weft: 58.8 N DIN EN ISO 13937-2

Printing methods

print	UV	Latex	Dyesub
Inside	•		•
Outside			

Article shrinkage

(50 sec hold up time)

	shrinkage in cross direction	shrinkage in longitudinal direction	recommended fixing temperature
180°C	1,2 %	2,6 %	•
190°C	1,7 %	4,0 %	
200°C	1,9 %	5,0 %	
210°C	2,2 %	5,5 %	

Certifications



* weathering according to DIN EN ISO 4892-2

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