

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/m²
ca. 7.7 oz/yd²



ca. 0.56 mm
ca. 560 µm



rolls
50 m
55 yd



water absorption
blank: 52.7 %
DIN 53923



UV stable



blank: 3350 l/ (m²s)
500 h: 3268 l/ (m²s)*, 1000 h: 3332 l/ (m²s)*
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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Ref.-Nr.: 599240 139 | Preview print sample