TECHNICAL PROPERTIES		SHADOW MESH
PHYSICAL		
Width		± 310 cm
Length		± 32 m
Weight		± 340 gr/m²
Composition		Knitted UV-stabilized HDPE
Construction		Monofilament & tape
Pattern		9 Gauge Lock-stitch knitted
STRENGTH		
Tear strength	ASTM D2261	
	Tongue Tear - Warp	≥ 47.2 lbf / 210 N
	Tongue Tear - Warp	≥ 41.1 lbf / 182 N
Tensile strength	ASTM D5034	
	Warp	≥ 328.6 lbf / 1461 N
	Weft	≥ 292.6 lbf / 1301 N
Elongation	Warp	≥ 93,60%
	Weft	≥ 87,40%
Resistance to temperatures	DIN EN 1876-2	-30 °C / +70 °C
Burst force	AS 2001.2.19-1988	≥ 2641 N
	Regular	≥ 2165 N
	After exposure	≥ 2165 N
SAFETY		
Flame-retardant	ASTM E84 - 23A	Upon request
Flame-retardant	AS/NZS 1530.3-1999 Part 3	
	Ignitability index	16 (Range 0-20)
	Spread of flame index	7 (Range 0-10)
	Heat evolved index	3 (Range 0-10)
	Smoke developed index	4 (Range 0-10)
Human protection	UVE %	92.0-97.0
	Protection Category	Very-Most effective

Wildeman | van Leeuwen

Van Hilststraat 1 | 5145 RK Waalwijk | Netherlands

+31 (0) 416 235 028 | info@wildeman-benelux.nl

www.wildeman-benelux.nl