

TECHNICAL PROPERTIES

PHYSICAL PROPERTIES

Width		140 cm
Length		25 m
Weight	DIN EN ISO 2286	650 gr/m ² ±40
Composition	Coating	86% soft PVC
	Backing	14% PES
Thickness	DIN EN ISO 2286	1,1 mm ±0,10

STRENGTH

Martindale	DIN EN ISO 5470-2	≥ 250.000 cycles
Adhesion	DIN EN ISO 2411	≥ 20 N warp/weft
Elongation	DIN EN ISO 1421	≥ 50% warp
		≥ 125% weft
Tear strength	DIN EN ISO 4674-1	≥ 25 N warp/weft
Tensile strength	DIN EN ISO 1421	≥ 350 N warp
		≥ 200 N weft
Resistance flexing at -10°	DIN 53 359	≥ 5.000 warp/weft
Resistance flexing	DIN 53 359	≥ 50.000 warp/weft
Hydrostatic pressure	DIN EN 20 811	200 cm WS
Fastness to chlor. water	DIN EN ISO 105-E03	≥ 4
Fastness to light	DIN EN ISO 105-B02	≥ 6
Fastness to rubbing	DIN EN ISO 105-X12	≥ 5 (dry + wet)
Fastness to salt water	DIN EN ISO 105-E02	≥ 4
Resistance to blood	TITV Greiz	Passed
Resistance to perspiration	DIN EN ISO 105-E04	≥ 4 alkaline & acidic
Resistance to spitting	LFBG	Passed
Resistance to urine	TITV Greiz	Passed

SAFETY

Flame retardant	DIN 75 200	Passed
Flame retardant	EN 1021 1+2	Passed
Flame retardant	UNE EN 1021 1+2	Passed
Flame retardant	NFP 92-503	Classification M2
Flame retardant	IMO res. A652 (16)	Passed
Flame retardant	DIN 4102 B2	Passed
Flame retardant	MVSS 302	Passed
Flame retardant	UIC 564-2 VE Anlage 5	Passed
Flame retardant	UNI 9175	Classification 1/IM
Flame retardant	NF D 60-013	Classification AM 18
Flame retardant	DIN 66084	Classification P-b, P-c
Flame retardant	CTB 117-2013	Passed Section 1
Flame behavior	Önorm B 3825	Group 1
Smoke behavior	Önorm A 3800 part 1	Classification Q1
Railway	EN 45545-2	R21: HL1 – HL2 – HL3
U.S. Coast Guard number	164.144/EC0736/126.006	Passed
Aviation Standard	FAR 25/853	(a) & Appendix F Part 1 (a)(1)(ii)

HEALTH

Safety of toys	DIN EN 71-3	passed
Allergy / hypersensitivity	DIN EN ISO 10993-10	Passed
Free of phthalates		Phthalate = 0
Cytotoxicity	DIN EN ISO 10993-5	Passed
Biological harmless	DIN EN ISO 10993-1	Passed

