

TECHNICAL PROPERTIES		AMALFI FIT
PHYSICAL		
Width Length		140 cm 25 m
Weight	DIN EN ISO 2286	± 650 gr/m2
Composition	Coating Backing	86% Soft PVC 14% PES
Thickness	DIN EN ISO 2286	± 1,1 mm
STRENGTH		
Martindale	DIN EN ISO 5470-2	≥ 250,000 cycles
Tear strength	DIN EN ISO 4674-1	≥ 25 N (warp) ≥ 25 N (weft)
Tensile strength	DIN EN ISO 1421	≥ 350 N (warp) ≥ 200 N (weft)
Elongation	DIN EN ISO 1421	≥ 50% (warp) ≥ 125% (weft)
Adhesion	DIN EN ISO 2411	≥ 20 N/5 cm (warp) ≥ 20 N/5 cm (weft)
Colour fastness to light	DIN EN ISO 105-B02	≥ 6 (Blue Scale)
Colour fastness to rubbing	DIN EN ISO 105-X12 Dry & Wet	≥ 5
Colour fastness to chlorinated water	DIN EN ISO 105-E03	≥ 4
Colour fastness to salt water	DIN EN ISO 105-E02	≥ 4
Colour fastness to acid & alkaline perspiration	ISO 105-E04	≥ 4 (Grey Scale)
Colour fastness to saliva	LFBG	Passed
Colour fastness to artificial blood & urine	TITV Greiz	Passed
SAFETY		
Flame-retardant (UK, ES)	(UNE) EN 1021, 1 & 2	Passed
Flame-retardant (US)	CAL TB 117 MVSS 302	Class 1 Passed
Flame-retardant (IT)	UNI 9175	Class 1
Flame-retardant (DE)	DIN 75200 DIN 4102 B2 DIN 66084	Passed Passed P-b, P-c
Flame-retardant (FRA)	NF P 92-503 NF D 60-013	M2 AM 18
Flame-retardant (AT)	ÖNORM A 3800-1 ÖNORM B 3825	Passed Passed
Flame-retardant	UIC 564-2 VE Anlage 5	Passed
Flame-retardant (IMO)	A652 (16)	Passed
Flame-retardant (Railway)	EN 45545-2	R21: HL1 - HL2 - HL3
Flame-retardant (U.S. Coast Guard number)	164.144/EC0736/126.006	Passed
Flame-retardant (Aviation)	FAR 25/853	(a) & Appendix F, Part 1 (a)(1)(ii)
Resistance to flexing at -10°	DIN 53 359	≥ 5,000 N (warp) ≥ 5,000 N (weft)
Resistance to flexing	DIN 53 359	≥ 50,000 N (warp) ≥ 50,000 N (weft)
Resistance to hydrostatic pressure	DIN EN 20811	≥ 200 cm WS
COMPLIANCE		
Reach	Free of harmful substances	Complies
ISO 14001	Environmental management	Complies
Free of phthalates		Complies
Suitable for toys and childcare objects	DIN EN 71-3	Complies
Biological harmlessness	DIN EN ISO 10993-1	Complies
Cytotoxicity	DIN EN ISO 10993-5	Complies
Allergy / hypersensitivity	DIN EN ISO 10993-10	Complies