

TECHNICAL PROPERTIES		SUMATRA
<b>PHYSICAL</b>		
Width		137 cm
Length		20 m
Weight	DIN EN ISO 2286	± 650 gr/m <sup>2</sup>
Composition	Coating	66% Silicone
	Backing	34% Polyester
Thickness	DIN EN ISO 2286	± 1,1 mm
<b>STRENGTH</b>		
Martindale	DIN EN ISO 5470-2 Dry & Wet	≥ 52,000 cycles
Tear strength	DIN EN ISO 4674-1 Warp	≥ 50 N
	Weft	≥ 30 N
Tensile strength	DIN EN ISO 1421 Warp	≥ 735 N
	Weft	≥ 1,750 N
Adhesion	DIN EN ISO 2411	Good
Elongation	DIN EN ISO 1421 Warp	≥ 115%
	Weft	≥ 90%
Colour fastness to light	DIN EN ISO 105-B02	≥ 7 (Blue scale)
Colour fastness to rubbing	DIN EN ISO 105-X12 Dry & Wet	≥ 4-5
Colour fastness to acid & alkaline perspiration	DIN EN ISO 105-E04	≥ 4
Colour resistance to saliva	LFBG	Passed
Resistance to alcohol 96%		Good
<b>SAFETY</b>		
Flame-retardant (UK)	EN 1021, 1 & 2	Passed
	BS 5852 Crib 5	Passed
Flame-retardant (US)	FMVSS 302	Passed
Flame-retardant (IT)	UNI 9175	Class 1
Flame-retardant (DE)	DIN 66084	Passed
	DIN 4102 B2	Passed
Flame-retardant (FRA)	NF P 92-503	Passed
	NF D 60-013	Passed
Flame-retardant (IMO)	IMO Annex 1, Part 8 by LR	Passed
Resistance to Disinfectants		Use only disinfectants suitable for plastic surfaces. The disinfectants should not be changed. Use only disinfectants from the EU.
<b>COMPLIANCE</b>		
Suitable for toys and childcare objects	DIN EN 71-3	Complies
Cytotoxicity	DIN EN ISO 10993-5	Complies
Hypersensitivity	DIN EN ISO 10993-10	Complies
California Section	01350	Complies
Healthier Hospitals	Safer Chemicals	Complies



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