

TECHNICAL DATA SHEET*

PVC Leather MAR

NAME/MODEL	MAR
DATE	22.01.2022
COLORS	acc. to the sample book
BACKING	100% POLYESTER
TOP	100% PVC based on DOTP (non toxic)
WIDTH	145 cm $\pm$ 2 cm
THICKNESS	0,9 mm $\pm$ 0,05 mm
WEIGHT	580 g/m ² $\pm$ 20 g/m ²

TEST NAME		RESULTS	TESTING DEVICE
Tear power PN-EN ISO 1421-2001	- along	459 +/- 58 [N]	UTM Instron 1115
	- across	279 +/- 7 [N]	
Elongation PN-EN ISO 1421-2001	- along	69 +/- 7 [%]	UTM Instron 1115
	- across	116 +/- 3 [%]	
Tearing strength PN-EN ISO 4674-1;2004	- along	77 +/- 8 [N]	UTM Instron 1115
	- across	67 +/- 5 [N]	
Abrasion resistance PN-EN ISO 12947-2:2000 + AC:2006	-	Above 100000 cycles	
UV resistant PN-EN ISO 105-B02: 2006 Methode 2	7	Test condition: wave length: 300-400 nm, temp. BST 50°C, humidity 50%, temp. inside a testing chamber 30°C. Device Multilight chamber, light D65	
Artificial light resistance PN-EN ISO 105-B04:1999 Methode 2	7-8	Test condition: wave length: 380-750 nm, filters: 6IR + 1UV, temp. BST 47 +/- 3°C, spray – 1 min, drying – 29 min, temp. inside a testing chamber 40°C. Device Multilight chamber, light D65	
Chlorinated water resistance (active chlorine 20mg/l) PN-EN ISO 105-E03:1999	4-5	Colour tested for influence of swimming pool chlorinated water	
Chlorinated water resistance (active chlorine 50mg/l) PN-EN ISO 105-E03:1999	4-5	Colour tested for influence of swimming pool chlorinated water	
Sea water resistance PN-EN ISO 105-E02:1999	4-5	Colour tested for influence of sea water	
Fire retardant PN-EN 1021-1: 2007	Burning match	Positive – no ignition appeared	
Fire retardant PN-EN 1021-1: 2007	Smoldering cigarette	Positive – no ignition appeared	
Waterproof PN-EN 20811:1997 PN-ISO 811:1997	-	255	
Phthalates content	It is confirmed no content of toxic phthalates (BBP, DBP, DEHP, DINP, DIDP, DNOP) acc. to REACH directive 76/769/EEC, Annex XVII)		
Antifungal & anti-bacterial efficacy ISO 846 part A & B	Positive results – no growth of fungal or bacteria	Incubation of <i>Aspergillus niger</i> , <i>Pencilinium funiculosum</i> , <i>paecilomyces variotii</i> , <i>gliocladium virens</i> & <i>chaetomium globosum</i> in 25oC for 28 days	
Contents of harmful substances (Manufacturer statement)	All raw material used during the production preparation & process are equal to REACH regulations. No harmful ingredients		
Hygienic Certificate B-BK-60211-0780/20 akt. 18-12-2025	National Institute of Public Health	Approval for: furniture, rehabilitation, medical & dental units, bags,	