

TECHNICAL PROPERTIES

PROPERTY	METHOD		TIGRIS	
Width			137 / 140 cm	
Length			25 lm	
Weight	DIN 53352		920 gr/m2 ± 5%	
Thickness	DIN 53353		1,15 – 1,35 mm	
Composition	Coating		Coating (82%) PVC	Backing (18%) Cotton
Tensile strength	DIN 53354		Warp ≥550 N/5cm	Weft ≥300 N/5cm
Tear strength	DIN 53356		Warp ≥40 N	Weft ≥40 N
Elongation	DIN 53354		Warp 10 %	Weft 250%
Adhesion	DIN 53357		Warp ≥30 N/5cm	Weft ≥40 N/5cm
Seam Resistance	SATRA TM165		Warp ≥400 N/5cm	Weft ≥250 N/5cm
Abrasion Resistance	BS5690 Martindale		≥150.000 cycles	
Bally Flex	EN ISO 5402		≥150.000 cycles	
Light Fastness	DIN 75202		6-7 blue scale	
Colour Fastness	ISO 105-X12		4-5 grey scale	Dry/wet
Colour Fastness	ISO 105-E03:2010		4-5 grey scale	Chlorinated water
Colour Fastness	ISO 105-E04:2008		4-5 grey scale	Human perspiration
Colour Fastness	DIN 53160-1 2001		4-5 grey scale	Saliva
Colour Fastness	ISO 105-E02:1944		4-5 grey scale	Sea water
Flame Retardant	BS5852 IS Crib 5		Passed	
Flame Retardant	EN 1012 1&2		Passed	
Flame Retardant	EN 597 1&2		Passed	
Flame Retardant	FMVSS 302		Self-extinguishing	
Flame Retardant	IMO Res.A652 (16)		Passed	
Flame Retardant	NFP 92-503 M2		Passed	
Resistant to blood and urine			Good	
Resistance to temperatures			From -20°C to 70°C	
Resistance to alcohol 96%			Good	
Resistance to cleaning agents	Bleach 4,5 cl/l		Good	
Resistance to bacteria	JIS Z 2837:2000		Sanitized	
Resistance to fungi	EN ISO 846A		Sanitized	