

Item	Description	Norm	UNIT	VALUE
Product	Article Code			TPR-1730-B1
	Composition	UNI EN ISO 2076		100% Linear Filament Monoaxial Polyester Fibers
	Weight (fabric+coating)	UNI EN 112127	GR/SQM	170±15
	Colour			WHITE
	Finishing	ASTM 523	GLOSS UNIT	2-6 MATT (Gardner 60°)
	Fire reaction	DIN4102	CLASS	B1 flame retardant
	Thickness		MICRON	180±20
	Available Sizes		Mt	1,60/3,10*30/50m
Base Fabric	Weaving			PLAIN WEAVE
	Pattern			REPS
	Colour			WHITE
	Warp Yarn Count + Type	UNI EN ISO 2060	DENIER	double system 75 + 75
	Weft Yarn Count + Type	UNI EN ISO 2060	DENIER	150
	Threads Warp	UNI EN ISO 1049-2	N°/INCHES	80
	Threads Weft	UNI EN ISO 1049-2	N°/INCHES	60
	Weight	UNI EN 12127	GR/SQM	75±5
	Warp Tensile Strength	UNI EN 13934-1	N	730±10%
	Weft Tensile Strength	UNI EN 13934-1	N	650±10%
	Warp Elongation	UNI EN 13934-1	%	20
	Weft Elongation	UNI EN 13934-1	%	20
	Yarn Tenacity	DIN EN ISO 2060	cN/dtex	3,5

Product description	Although Polyester Professional is a very light material, it has very good mechanical and physical features and allows a variety of different applications even in critical conditions. It is in fact the double system warp (two 75 den yarns) which gives excellent tearing and tensile strength and at least 30% greater elongation than 150 den unique yarn. Its special PU bored finishing increases by 40% tearing strength and guarantees the material to be non-deformable (from -20°C to 40°C). Polyester Professional can be therefore treated with dry cleaning and it is still printable without any alteration.
Applications	Ideal for small, medium and large frames and perfect for backlit advertising. Thanks to its coating Polyester Professional has got a very good tearing strength and seam slippage resistance and it is therefore perfect for beach flags, even in a very big size.
Printability	Digital Printing: plotters with eco-solvent, flat bed, UV curable and latex inks.
	Screen Printing: solvent, UV curable. Notes: due to the wide variety of inks products and digital printing machines, testing before printing is always recommended.
Storage Period	24 months under ordinary condition at the temperature mean of 22 °C (min. 12 °C, max. 32 °C) and relative humidity of 45 - 65%. The material must stay in its box and does not have to be at sun light, otherwise the coating can be damaged.
REACH	REACH - Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that no SVHC are present in a concentration exceeding 0,1% in the base fabric nor in the coating. For further information, please ask for the updated regulation of SVHC taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).
Notes	Published information is based upon research and information which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of the products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.