

TECHNICAL DATA SHEET



TEXON Backlit
190gsm

Item	Description	Norm	UNIT	VALUE
Product	Article Code			TEXON-B19
	Composition	UNI EN ISO 2076		100% Linear Monoaxial Filament Polyester Fibers + Vinyl emulsion
	Weight (fabric+coating)	UNI EN I12127	GR/SQM	190±10
	Colour			WHITE
	Finishing	ASTM 523	GLOSS UNIT	5-10 MATT (Gardner 60°)
	Fire reaction	DIN4102	CLASS	B2 FLAME RETARDANT
	Thickness		MICRON	220±10
	Available Sizes		MT	1,07/1,37/1,60 x 30 and 3,10x50
Base Fabric	Weaving			PLAIN WEAVE
	Pattern			REPS
	Colour			WHITE
	Warp Yarn Count + Type	UNI EN ISO 2060	DENIER	150
	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	<p>TEXON is a new product manufactured thanks to a new production process which enables to combine the vinyl with polyester textile. If you compare it with standard flex banners, you will realize that TEXON is easier to handle, it's lighter, softer and can be easily bent when you work with it. Despite its light weight, TEXON can ensure less waves. TEXON backlit is mainly used for light-box and back-lit applications. Excellent mechanical resistance/tensile strength; excellent slippage resistance. When comparing it with a standard PVC backlit, TEXON has a better and more uniform transparency, since there are not the easy-to-see textile shadows as in standard flex-banners. Moreover, TEXON has no application limits, like marks on the surface.</p> <p>TEXON is a flame retardant media; it can be used not only in outdoor, but also in indoor. It is available both in the frontlit and in the backlit versions.</p>
Applications	<p>Indoor and outdoor applications for high definition imaging.</p> <p>Ideal for light-box and sign advertising.</p> <p>Outdoor applications: suitable for max. 12 months (also 24 months if under sheltered spots, like cloisters, station canopies, roofing).</p>
Printability (on the vinyl surface)	<p>Digital Printing: all kinds of plotter and flat-bed equipment with eco-solvent, Latex and UV curable inks.</p> <p>Screen Printing: solvent and UV curable inks.</p> <p>Notes: due to the wide variety of eco-solvent inks producers and digital printing machines, testing before printing is always recommended.</p>
Storage Period	<p>24 months under ordinary conditions 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.</p>
REACH	<p>REACH - Complying with the Italian Decree-Law n. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that the SVHC substance DINP is present in a concentration exceeding 0,1%. For further information, please ask for the updated regulation of SVHC taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).</p>
Notes	<p>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.</p>