#guandongitalia

TECHNICAL DATA SHEET n° EDO721-226

WHITE MATT VINYL high opacity POLYMERIC

EDOFILM THE PREMIUM VINYL

ELEMENT	DESCRIPTION	NORM	UNIT	VALUE
VINYL LAYER	Code			**EDO-WM-POL**
	Vinyl thickness		My	80 My
	Vinyl resin	GB 8624-2012		self-extinguishing class B1
TECHNICAL SPECIFICATIONS	Thickness with adhesive		My	120 My ± 5 My
	Color			**White Matt**
	Gloss level	Glossmeter 60° angle		20 ± 5
	Opacity (COVERAGE)		%	**≥ 98**
	Tensile strength MD	ASTM D882	Mpa	50
	Tensile strength CD	ASTM D882	Mpa	48
	Elongation at break MD	ASTM D882	%	240%
	Elongation at break CD	ASTM D882	%	280%
	Shrinkage	70°C × 48h on aluminum plate	mm	≤ 0,3 mm
	Applied product lifespan	in relation to geographic areas		up to 7 years
	standard formats	1,07/1,37/1,60 x 50ml	m	(On Demand up to 1.60 x 250 ml)
ADHESIVE	Adhesion strength after 20 minutes	PSTC-1, at 180° on stainless steel	N/25mm	≥ 6,6 (660g)
	Adhesion strength after 24 hours	PSTC-1, at 180° on stainless steel	N/25mm	≥ 8,4 (840g)
	Peel strength	180°, 300mm/min	g/25mm	8~15
	Permanent			Transparent solvent-based acrylic adhesive.
LINER	Weight			140 g/m²
	Scarico d'aria®			**Double PE-coated kraft silicone paper, Air Bubble Free (Scarico d'aria®)**

APPLICATIONS	**EDOFILM** polymeric vinyl with high opacity (>98%) is suitable for applications on flat, curved, large, and slightly uneven surfaces, even non-uniform ones, ideal for advertising graphics, trade show setups, fleet decorations, stickers, and object wrapping, ensuring high background coverage and easy, bubble-free application thanks to air channels. Surfaces on which the material will be applied must be **perfectly clean and free of dust, grease, or other contaminants that could compromise adhesion; newly painted or lacquered surfaces must be allowed to dry for at least three weeks;** The compatibility with selected lacquers or paints must be verified by the user; for optimal results, it is recommended to use the same type of vinyl lamination film to ensure compatibility and performance. **Application temperature +8°C / +30°C**
PRINTABILITY	**EDOFILM** offers exceptional printability with Eco-solvent, UV LED, Latex, and Screen inks. After printing, ensure the material is completely dry and ventilated before lamination or any further processing; solvents present in the inks may affect performance. For optimal results, it is recommended to leave the material in the printing environment for more than 24 hours.
RoHS compliance	The product complies with and is certified in accordance with RoHS Directive 2011/65/EU, as amended by Directive (EU) 2015/863 (RoHS 3).
REACH compliance	In accordance with Legislative Decree No. 133 of 14/09/2009, published in the Official Gazette, we hereby inform you that the product complies with current REACH regulations (Registration, Evaluation, Authorisation of Chemicals) regarding chemical substances and components.
OPERATING TEMPERATURE	Operating temperature limits: -20°C / +80°C.
STORAGE	Store in the original packaging, horizontally, protected from direct light and heat sources; temperature 15–35°C, relative humidity 20–65% RH.

NOTE	*The information is based on research that the company has carefully conducted and considers reliable; nevertheless, such information does not constitute a total guarantee. Given the wide variety of uses for these products and the ongoing development of new applications, the end user is responsible for considering the product's suitability and performance in relation to its use, assuming the risks associated with the specific application. The seller is not liable for damages exceeding the purchase price, nor for any incidental damages. Parameters may be changed without prior notice.*

Release date 02.2026

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