



ELEMENT	DESCRIPTION	NORM	UNIT	VALUE	
COMPOSITION	Product code			NANO-PP1750-13	
	Size			1,37*50m	
	Type of support/Top layer			PP biaxial film	
	Colour			white matt coated	
	Layers			micron	Front layer: white matt PP film 175
					Liner: PET matt finish 50 micron
				micron	Back treatment: 25 micronised balanced gel (nanotechnology)
	Total thickness		micron	235± 10	
Total weight			g/m <sup>2</sup>	175 ± 10	
TECHNICAL DATA	Elongation at break	ASTM D638 M89-%	%	> 150	
	Release force		N/25mm	< 0.09	
	Peeling force (24h)	DIN EN ISO 8256	N/25mm	0.02 ≥ x ≤ 0.1	
	Dimensional stability	(MD) ASTM D 1204-02)	in	≤ 0,1	
	Surface tension		dyne /cm	32±36	
	Working temperature		°C	-30 ÷95	
	Application temperature		°C	8 ÷30	

APPLICATIONS	The product is designed for all kinds of flat, clean and gloss surfaces (glasses, vehicles, screens, furniture, metal, etc.). Mounting conditions: temperature not less than 8°C, no more than 30°C. Installation recommendations: it is obviously very important that the surface on which you are going to apply the product must be appropriately clean and smooth and free of defects before application, as required for any kind of applications. Keep the film flat during application, crease and curing will affect the adhesion persistence. We recommend the wet mounting to avoid bubbles. Sun exposure (European weather conditions): the average time of exposure is 8 - 12 months.
PRINTABILITY	- Suitable for screen and digital printing. - Suitable for UV Flexible and Latex inks. For eco-solvent inks, before starting the print operation, make sure the linearization on the RIP, is fixed in accordance with the specifics of the printer on which you want to print the PET media (ink limit 100-130%) and the evaporation and curing of the ink is completed. Best printing conditions: 16-28°C, humidity 30-60%, atmospheric pressure of 1004±1025 hPa. Notes: due to the wide variety of inks products and digital printing machines, tests before printing are always recommended. Notice: when realizing saturated images, the die cutting at the edges of the printed image has to be avoided; it would be better to leave an edge of a few millimeters from the printed area, to prevent the image edges from curling. Anyway, if you cut the printed areas, it is highly recommended that the ink drying process is completed, that is, be aware that the ink is totally dried or cured before cutting the selvages.
STORAGE PERIOD	12 months under ordinary condition at the average temperature of 12-32°C and relative humidity of 45-65%. The material must be stored in its original packaging and not under sun exposition.
SAFETY NORMS	Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 and published on the Italian Gazzetta Ufficiale, we inform that no phthalates are present in the product. For further information, please refer to the certified copy available of the analyses worked out on the substances taken into consideration by REACH (Registration Evaluation Authorization of Chemicals).
NOTES	<i>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.</i>