

NBF-PET0930-13

**NANO-TACK®**

SuperFlex  
Bi-Face PET

95 micron

Item	Description	Specification
Front Layer	Type and thickness	Polyester, 55micron
	Total thickness (micron)	145 ± 10 (55micron PET + 40micron coating + 50 micron liner)
	Front Colour	Clear transparent
	Surface Brightness	94 ÷ 96 GARDNER 60°
	Breaking strength (ASTM D882-Kg/cm <sup>2</sup> )	MD (Machine Direction): 16,6% CD (Cross Direction): 17,8%
	Tensile Strength (ASTM D882-kg/mm <sup>2</sup> )	MD (Machine Direction): 12,0 ÷ 14,6 N/25mm CD (Cross Direction): 13,5 ÷ 15,4 N/25mm
	Dimensional Stability (MD)-(ASTM D1204-02)	0,3% - Shrinkage at 120°C for 30 min 2÷3%
	Light transmission	72%
	Surface Tension (ASTM D2578-04°)	32 ÷ 36 dyne/cm
Back side	Type	Nanotechnology, well-balanced micronized gel (nano-cups)
	Thickness (micron)	20 ± 5
	Application temperature	8 ÷ 30 °C
	Service temperature (after 24hours from installation)	-5 ÷ 40 °C
Liner	Type	Biaxial Polyester (PET) Satin
	Thickness (micron)	38 ± 3

Application	<p>The product is designed for all kinds of flat or curved, clean and gloss surfaces (glasses, aluminum bodies, screens, furniture, metal, etc.). The product is especially suitable for reproduction of brands and advertisement signs which need to have the same chromatic effects on both sides. Mounting conditions: temperature not less than 8°C, no more than 30°C (900÷1030 bar).</p> <p>For more information: ask for the brochure with all the hints.</p> <p><b>Sun exposure (European weather conditions):</b> the average time of exposure is 8 - 12 months.</p> <p><b>Notes:</b> it is obviously very important that the surface on which you are going to apply the product is appropriately cleaned, as required for any kind of applications.</p>
Storage Period	12 months under ordinary conditions at the mean temperature of 23 ± 2°C (min. 12°C, max. 25°C) and relative humidity of 50 - 70%. A high storage temperature and humidity may decrease the ink absorption.
Printing Compatibility	<p>- Suitable for screen and digital printing.</p> <p>- Suitable for UV Curable and Latex inks (Latex: tested on Mimaki JV400LX and HP Series 300/3000; when working with other machines, tests before printing are recommended).</p> <p>Note: best printing conditions: 16-28°C, humidity 30-60%.</p> <p><b>Notice:</b> 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.</p> <p><b>Notes:</b> due to the wide number of ink producers and digital printing machines, weather conditions and printing variability, tests before printing are recommended.</p>
REACH Regulation	Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 and published on the Italian <i>Gazzetta Ufficiale</i> , 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>