

HC-0830-12



**HIGH CLARITY Low Tack**  
transparent 80 micron

Item	Description	Specification
Front Layer PVC	Type	Monomeric PVC - Specific Gravity 1,343 g/cm <sup>3</sup>
	Thickness (micron)	80 ± 8
	Front Colour	Clear Transparent Gloss
	Surface Brightness	94,5 ± 6 GS (glossy) - GARDNER D60
	Elongation at Break (ASTM D882-02)	MD(Machine Direction): 282.1 % CD(Cross Direction): 297.7 %
	Tensile Strength (ASTM D882-02) (Speed : 200mm/min)	MD: 12.0 ÷ 15.1 N/25mm
	Dimensional Stability (MD)-(ASTM D1204-02)	1,6% - Shrinkage ≤ 6%
	Opacity	88 - 96 %
	Surface Tension (ASTM D2578-04*) (24 hours after production)	34 dyne/cm
Glue	Type	Acrylic compound - removable
	Thickness (micron)	25 ± 3
	Application temperature	12 ÷ 38 °C
	Service temperature	-20 to +60 °C
	Initial tack	≥ 8 Steel Ball (GB4852-84/CNS)
	Sun Exposure (EU)	Removability: 6 - 8 months
Liner	Type	Biaxial Polyester (PET) Satin
	Thickness (micron)	100

Application	<p>The product is designed to be applied on any kind of smooth surface (glasses, vehicles, screens, furniture, etc.). Since it is an High-Clarity, to avoid ruining its surface, you have to do a little attention when mounting.</p> <p>Therefore we recommend you take the following precautions:</p> <ul style="list-style-type: none"> <li>_ to take care of making wet both surfaces with a water spray vaporizer (wet mounting).</li> <li>_ to use a plastic putty knife to help the product stick to the glass surface, but do not run it directly on the surface of the Low Tack: we recommend to put a paper liner or a plastic liner between the Low Tack and the putty knife to avoid damaging the layer surface.</li> </ul> <p><b>Sun exposure (European weather conditions):</b> the average time of exposure is 12 - 16 months for the front layer PVC and 6 - 8 months for the glue removability.</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 the application of any other self-adhesive item.</p>
Storage Period	12 months under ordinary conditions at the mean temperature of 23 ± 2°C (min. 15°C, max. 28°C) and relative humidity of 60 - 70%. A high storage temperature and humidity may increase the plasticizer migration, which may decrease the ink absorption.
Printing Compatibility	<p>- Suitable for screen and digital printing.</p> <p>- Suitable for eco-solvent and UV Curable and Latex inks (Latex: tested on Mimaki JV400LX and HP L26500 and HP Series 300; when working with other machines, tests before printing are recommended).</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 material.</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 the substance Bis(2-ethyl(hexyl)phthalate (DINP) is present in a concentration of 14,6%. 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>