



ELEMENT	DESCRIPTION	NORM	UNIT	VALUE
FRONT LAYER	Type of material			Calendered Monomeric Highly Soft PVC
	Thickness		my	180 ± 10 (260 with liner)
	Colour			Clear gloss
	Specific gravity	ASTM D792-00	g/cm ³	1,35
	Surface finish (Gardner 60)			Gloss 84~94
	Available size		m	1,07-1,37*30
LINER	Type of material			Clear biaxial polyester film (matt/gloss)
	Finish			The high smooth polyester liner surface allows the cling to have a perfect cohesion with all smooth surfaces. In the back side the liner is matt to ease the pinch rollers action.
	Dimensional stability			The polyester liner keeps the materiale absolutely flat and allows the cling to resist to critical printing temperatures (till 110 C°)
	Weight		g/m ²	98
	Thickness		my	75
TECHNICAL DATA	Elongation at break	ASTM D882-02	%	MD: 282.1 - CD: 297.7
	Tensile strength (Speed: 200mm/min)	ASTM D882-03	N/mm ²	MD: 18.0
	Dimensional stability	ASTM D1204-02)	%	MD 1,6
	Shrinkage		%	≤ 6
	Opacity		%	0,4~0,8
	Surface tension (24 hours after opening the roll)	ASTM D2578-04°	dyne/cm	32 - 34

APPLICATION	It is designed for temporary applications on glass and some cleaned and smooth metal surfaces. Indoor and medium term outdoor applications for signage, pop notices, display and vehicle graphics applications. Decorations for shop windows and department stores. Adhesion temperature (mounting) 13~36C°. We recommend the use of wet mounting and soft squeegee.
PRINTABILITY	Suitable for silk, screen and digital printing. Suitable for eco-solvent, UV and Latex inks. Notice: For saturated images it is not recommended to cut them on the edge of the printed image, it would be better to leave a few millimeters transparent margin from the printed area, to prevent the image edges from curling. It is absolutely necessary that the ink drying process is completed in order to cut the printed areas and apply the product. Notes: due to the wide number of ink producers and Digital Printing machines, weather conditions and printing variability, testing before printing is recommended.
STORAGE	5 months under ordinary conditions at the temperature mean of 23 ± 2°C (min. 15°C, max. 28°C) and relative humidity of <55%. High storage temperature and humidity may increase the plasticizer migration, which may decrease the ink absorption.
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 the product comply with the REACH regulation with regard to the substances and chemicals used in their construction during manufacture. 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>