

ONE WAY VISION

Technical bulletin

9000 SERIES

ELEMENT	DESCRIPTION	NORM	UNIT	VALUE
PRODUCT	Type of support			Monomeric PVC film
	Thickness		micron	160 ± 10
	Front color			Ice white
	Back			Black full coated
	Shrinkage		%	≤ 0.8
	Surface tension		dyne/cm	≥ 30
	Holes No.			Average 130 / sq inch (mm 25,4x25,4)
	Hole Diameter		mm	1.60
	Distance between holes		mm	2.4
	Hole space (transparency)		%	41
	Opacity		%	98
	Available size		m	1,37*50
ADHESIVE	Type			Clear removable (solvent based pressure sensitive glue)
	Thickness		micron	30 ± 3
	Application conditions		°C	15~40°C (thermal range) 15°C~33°C (thermal range), ≥8°C min. application temperature. If the glass you mount on is exceeding 44°C, initial tack effects are undone and the film can fall off the glass.
	Initial adhesion ball tack	GB4852-84/CNS		≥5 Steel Ball
	Peeling force	FTM 1	N/25 mm	(24 h) 5 ≤ x ≤ 10
	Expected lifetime			2 years
	Removable durability			Max one year cleanly removable at the temperature of 18-25°C and RH of 50-60% (provided that the glass surface is very clean when sticking). Adhesion may increase with time.
LINER	Liner			PE kraft paper white
	Total Weight		g/m2	140 g ± 5
	Release force	FTM 3	N/25 mm	0.05 ≤ x ≤ 0.25
	Liner: Peel off Advice			It is strictly recommended peeling off the liner with extra caution. After printing, the manual cutting must be done with scissors or professional cutters with very sharp blades (no worn-out tools). In this way, you will avoid tearing the liner among the holes: that indeed could cause the flaking off of the paper liner.

APPLICATIONS	Outdoor digital printing and screen printing one way vision media for signage display, shop window advertising, vehicle graphic, subway and building glass walls.
PRINTABILITY	Media is suitable for all eco-solvent and Latex printers. Inks should be the original ink from the printer manufacturers. The best printing temperature is 16-38°C. When dealing with additional liner, the user is recommended to delaminate the first 2cm of the printed material in the whole width, then go on with the normal liner delaminating process.
STORAGE PERIOD	12/15 months under ordinary condition at the average temperature of 22°C and relative humidity of 50-55%.
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 complies 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). RoHS - Cadmium free.
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>