

## TECHNICAL DATA SHEET



### ONE WAY VISION Night&Day - Monomeric series 12500

Item	Description	Specification
Front Layer PVC	Type	Monomeric film - white diffuser
	Thickness	140 ± 10 micron
	Front Color	opal diffuser
	Back Color	opal diffuser
	Shrinkage	≤ 0.6%
	Surface tension	≥ 30-32 dyne / cm
	Holes No.	Average 109 / sq inch (square inch)
	Hole Diameter	1.5mm
	Distance Between Holes	2.6mm
	Hole Space (transparency)	30%
	Opacity	45%
Adhesive	Type	Clear removable (solvent based pressure sensitive glue)
	Thickness	30 ± 3 micron
	Application conditions	15°C~40°C (thermal range), ≥8°C min. application temperature
	Initial Adhesion-Ball Tack	≥5 Steel Ball (GB4852-84/ CNS)
	Peeling force	(24 hours) 5 ≤ x ≤ 10 N/25 mm
	Expected lifetime	12 months. Six months for a clean removal. Adhesion may increase with time and according to the sun exposure.
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).	
Liner Paper on Paper	White siliconated paper	105 g in full surface (55 g after punching) - paper liner
	Paper	90 g hot laminated - additional liner
	Weight	160 g ± 5 g/m <sup>2</sup>
	Release Force	FTM 3 N/25 mm 0,05 ≤ x ≤ 0,25
Additional Liner	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.
Sizes available	Meter x Meter	1,37 x 30
Storage Period	12 months under ordinary condition at the average temperature of 22 °C and relative humidity of 50-55%.	
Applications	Outdoor digital printing and screen printing one way vision media for shop window advertising, vehicle graphic, subway and building glass walls. Well visible advertisements in daylight and at night.	
Compatibility of machines and inks	Media is suitable for all solvent, eco-solvent and <b>UV digital printers</b> with heating systems including Mimaki, Epson, Roland, Vutek and HP Scitex. It is designed for <b>Latex</b> (tested on Mimaki JV400LX and HP series 300/3000; when working with other machines, tests before printing are recommended). Inks should be the original ink from the printer manufacturers. The best printing temperature is 16-38°C. Inks: due to the monomeric layer, low-corrosion elastic/flexible inks are recommended. 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.	
Safety Caution	<b>REACH</b> - Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 published on the Italian Gazzetta Ufficiale, we inform that no SVHC are present in a concentration exceeding 0,1%. For further information, please ask for the updated regulation of SVHC taken into consideration by REACH (Registration Evaluation Authorization of Chemicals). <b>RoHS</b> - Cadmium free.	
Notes	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.	