

TECHNICAL DATA SHEET



OWV Clear series 5500

Item	Description	Specification
Front Layer PVC	Type	Monomeric PVC film
	Thickness	140 ± 10 micron (160 ± 10 gsm)
	Color code	Clear Matt
	Shrinkage	≤ 0.6%
	Surface tension	≥ 30 dyne /cm
	Holes No.	Average 109 / sq inch
	Hole Diameter	1.5mm
	Distance Between Holes	left-right 1,25mm - up-down 2.4mm
	Hole Space (transparency)	30%
	Gloss Value (Gardner 60)	22
Adhesive	Type	Clear removable (solvent based pressure sensitive glue)
	Thickness	35 ± 5 micron
	Application conditions	15°C~32°C (thermal range), ≥8°C minimum application temperature
	Peeling force	(24 hours) 5 ≤ x ≤ 10 N/25 mm
	Initial Adhesion-Ball Tack	≥5 Steel Ball (GB4852-84/ CNS)
	Expected lifetime	30 months. Six months for a clean removal. Adhesion may increase with time.
	Removable Durability	Max one year cleanly removable at the temperature of 23-25°C and RH of 50-60% (provided that the glass surface is very clean when sticking).
Liner	White siliconated paper	90 g kraft paper
	Transparent OPP	33 g hot laminated - additional liner
	Total Weight	125 g ± 5 g/m ²
	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 liner.
Sizes available	Meter x Meter	1,37 x 30
Storage Period	12 months under ordinary conditions at the average temperature of 22°C and relative humidity of 50-55%.	
Applications	Indoor digital printing two way vision media for window shop, vehicle graphic, trains and subway. More suitable for the new application on building glass walls. This product is designed for mirror printing technology, so that it can be applied inside to avoid graffiti problems.	
Compatibility of machines and inks	Media is suitable for all solvent, eco-solvent and UV digital printers with heating systems including Infiniti, Phaeton, Mimaki, Roland, Vutek and HP Scitex. Inks should be the original ink from the printer manufacturers. The best printing temperature is 38-43°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.	
Safety Caution	REACH - Complying with the Italian Decree-Law nbr. 133 issued on 14.09.2009 published on the Italian <i>Gazzetta Ufficiale</i> , we inform that no substance of SVHC is present in a concentration over 0,1%. 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	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.	