

TECHNICAL DATA SHEET

DWV® Image

Double Way Vision Image

Screen, Line and Bubble Patterns

Item	Description	Specification
Front Layer PVC	Type	Clear PVC film
	Thickness	120 ± 10 micron
	Front Layer	Transparent vinyl
	Back Surface Finish	Milk white diffuser - roto-painted
	Transparent Area	50% more or less according to the pattern design
	Shrinkage	≤ 0.6%
	Surface tension	≥ 30 dyne / cm
	Light Transmission	65%
	Patterns	1. Screen - code: DW-SR137-50 2. Line - code: DW-LN137-50 3. Bubble - code: DW-BB137-50
Adhesive	Type	Clear solvent based removable pressure sensitive glue
	Weight (g/m ²)	25 ± 2 micron
	Adhesion Temperature	15°C~33°C
	Peeling Force	5N/25 mm (GB2792-81 CNS)
	Initial Tack	Test while adhering to stainless steel, 300 N/m
	Final Tack	Test while adhering to stainless steel, 450 N/m
	Expected Lifetime	1 year outdoor - 3 years indoor
	Removable Durability	One year cleanly removable glue on clean glass surface at the temperature of 23-25°C and RH of 50-60%
Liner	White siliconated paper	Random fibers design (cross-linked)
	Total Weight	140 g ± 10 %
	Release Force	FTM 3 N/25 mm 0,05 ≤ x ≤ 0,25
Total Weight	Layer + Adhesive + Liner	335 g ± 8 %

Sizes available	Meter x Meter	1,37 x 50
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Storage Period	12 months under ordinary condition at the average temperature of 22 °C and relative humidity of 50-55%.	
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Outdoor Applications	The product is designed to be applied to glass. In normal average European climate, outside exposure: 1 years. Indoor applications: 3 years. Double Way Vision Image is used in digital and screen printing machines for signage display, vehicle graphics, subway and building glass walls (1 year exposure).	
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Compatibility of machines and inks	Media is suitable for all solvent, eco-solvent and UV digital printers , including Infiniti, Phaeton, Mimaki, Roland, Vutek, HP-Scitex, Agfa, etc. and also for Latex new generation printers (Latex: tested on Mimaki JV400LX and HP L26500; 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 16-28°C.	
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Safety Caution	<p>REACH - Complying with the Italian Decree-Law n. 133 issued on 14.09.2009 published on the Italian <i>Gazzetta Ufficiale</i>, we inform that the substance Bis(2-ethyl(hexyl))phthalate (DEHP) is present in a concentration of 11,6%. 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).</p> <p>RoHS - Cadmium free.</p>	
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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 cost of the product nor for incidental or consequential damages. All specifications are subject to changes without prior notice.	
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