

PLASTIC SYSTEMS INDUSTRIES

PET ONE WAY VISION FILM (PVC FREE)



High Quality Vinyl For Digital Printing

PPT10145UV

TECHNICAL DATA SHEET

PRODUCT REVIEW:

Perforated PET film, white gloss with black backing for use on even transparent substrates from glass. After printing on the film surface the picture becomes visible while the perforated black backing allows light to pass through. The ratio of the printable area of the total surface is more than 50%.

APPLICATION:

For short and medium-term advertising graphics on vehicles, shop windows, Airport graphics, subway window, glass walls of building or other even surfaced transparent advertising media from glass that should allow light to easily pass through from back.

PRINTING METHOD:

Solvent-based, & Eco-Solvent-based inkjet printing, UV Curable ink printing.

TECHNICAL DATES:

CHARACTERISTIC	TEST METHOD	AVERAGE VALUES
Film thickness	ISO 4591:1992	100micron white/black PET film
Adhesive type		Solvent polyacrylate, removable, transparent
Adhesive Removability		Within 1 year residueless removable from most surface
Release paper		Perforated paper + double sides PE coated paper, 185gsm
Dimensional stability	FINAT TM14	Adhered to glass, no shrinkage in cross direction, in length No shrinkage
Temperature resistance		Adhered to glass. -20°C to +65°C, no variation
Diameter of hole		1.50mm
Perforating ratio		30%
Seawater resistance	DIN 50021	Adhered to glass, after 48h/23°C no variation
Adhesive power	FINAT TM1	After 24h stainless steel 4~6N/25 mm
Tensile strength		
along	DIN EN ISO 527	Min.5Mpa
across	DIN EN ISO 527	Min.5Mpa
Elongation at break		
along	DIN EN ISO 527	Min50%
across	DIN EN ISO 527	Min50%
Shelf life		Up to3years
Application temperature	Clean, dry surface	Min.+10°C
Service life by specialist application	Under vertical outdoor exposure	Up to3 years

Attention: After printing the ink must be thoroughly dry in order to avoid any affect on the later combination with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.

