

## IKONOS ONE WAY VISION

### AVAILABLE STANDARD WIDTHS AND LENGTHS

1.06, 1.27, 1.37, 1.52 / 50 m

### PRODUCT DESCRIPTION

Ikonos One Way Vision is a top coated perforated white flexible vinyl laminate. Due to its evenly disposed holes it gives a one-way-mirror-effect and thus can be used for decoration or advertising purposes of bus or subway windows, shopping windows, building windows, rear-windows etc. This product is applicable to any solvent and eco-solvent digital The main advantage of the product is seeing through image from inside out without blocking the view and vivid visible graphics while viewing from outside.

### RANGE OF APPLICATION

Vehicle graphics, bus or subway windows, shopping windows, building windows, rear-windows etc. All solvent and eco solvent digital printers with heating system.

### PHYSICAL FEATURES

	VALUE
<b>PVC</b>	
Type	Calendered monomeric soft PVC film
Thickness	150 $\mu$ ( $\pm$ 10 $\mu$ )
Colour	White
Back	Black Coating
Shrinkage	0.8%
Surface tension	30 dyne/cm
Opacity	>99%
Number of holes	Average 130/sq in
Hole diameter	1.6mm
Distance between holes	2.4mm
Hole space	41%
<b>Adhesive</b>	
Type	Clear Solvent Based removable glue
Thickness	30 $\mu$ ( $\pm$ 2 $\mu$ )
Adhesion temperature	15-40 °C
180° Peeling force	5N/25mm (GB2792-81)
<b>Liner</b>	
Type	Silicon coated paper
Colour	White
Weight	175g/sq m ( $\pm$ 5g/sq m)
Release force	0.4 ~ 1N/4 cm

## **DURABILITY**

The data concerns vertical surface exposure of an unprinted/unprocessed film. The outdoor durability relates to the temperate climate of Middle Europe. If the film is exposed to extreme weather conditions, such as austere insolation, high UV radiation or humidity it may undergo accelerated deterioration. PVC film may also weaken in greatly contaminated areas and regions of high altitude.

## **HANDLING & PROCESSING**

Recommended storage conditions: 50% of relative humidity, 20 °C, in original packaging.

Customer should always store rolls together with label which consist information about type of product, dimensions of roll and batch number.

Any claims or requests will not be accepted without information about batch number.

During storage time shrinking of the edges of monomeric PVC film could be noticed.

To obtain good print quality/good processing results we recommend acclimatize rolls in printing/processing room min. 24 hour before printing/processing. Large fluctuations in temperature and humidity between the room and the material have an impact on flatness and printability of material.

If printed, the ink must be perfectly dry before further processing e.g laminating or application. Features of products could be changed by the residuals solvents. The surface on which product is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion.

Due to wide range of possible uses and applications customers should independently verify the appropriateness of material for their explicit purpose, prior to use. We strongly recommend customers conduct own tests before each application.

## **IMPORTANT NOTICE**

The information included in the present publication is based upon our knowledge as well as practical experience and can be changed without prior notice. All information always represents an average, a minimum or maximum value and should be considered as such.

This data is displayed only in order to serve as a source of information and is given without guarantee and does not constitute a warranty.

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