

IKONOS PROFIFLEX 4-MOUNT IKO-1 DOUBLE ASYMMETRIC

AVAILABLE STANDARD WIDTHS AND LENGTHS

1.27/ 30 m.

PRODUCT DESCRIPTION

Iko-1 Double Assymmetric is a 70 mic, calandered, monomeric, transparent PVC coated on both sides with two types of adhesive: removable and permanent. Removable adhesive is protect by 87 gsm CCK paper with grey grid. Second side of film is coated with permanent adhesive which is secured by siliconized, transparent polyester film.

RANGE OF APPLICATION

Thanks to two types of adhesive Iko-1 Double Assymmetric is a perfect solution for mounting posters, graphics, photos to different substrates – smooth as well as rough. Grid pattern makes cutting to size simple and easy.

PHYSICAL FEATURES

PRODUCT STRUCTURE

1st to peel PET release liner 36 mic

Modified permanent acrylic PSA adhesive with HIGH TACK technology.
Coating weight 25g/sqm

70 mic, transparent, gloss PVC

Modified removable acrylic PSA adhesive with HIGH TACK technology.
Coating weight 30g/sqm

2nd to peel CCK release liner 87g printed

	STANDARD NO.	VALUE	TOLERANCE
Thickness			
Thickness of PVC film	ISO 2286-3	70 µ	5%
Total thickness (film+adhesive+liners)	ISO 2286-3	255 µ	5%
Total weight (film+adhesive+liners)	ISO 536	300 gsm	5%
Tensile strength	ASTM D 882	36 MPa [MD] 33 MPa [CD]	≥25 ≥20
Elongation at break	ASTM D 882	320 % [MD] 360% [CD]	>200 >200
Adhesive power			
Initial	FINAT 9	Permanent – 10,0 N/25 mm Removable – 3,7 N/25 mm	5%
After 20 min	FINAT 1	Permanent – 17,5 N/25 mm Removable – 6,5 N/25 mm	5%
After 24 h	FINAT 1	Permanent – 22,0 N/25 mm Removable – 11,3 N/25 mm	5%
Temperature range			
While applying	-	from 10 °C to 30 °C	
While exploiting	-	from -5 °C to 50 °C	
Indoor durability	vertical surface exposure	3 years (unprocessed)	
Shelf life	2 years (in original packaging at 20°C and 50% relative humidity)		

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.

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.

Due to wide range of possible uses and applications (large variety of substrates/surfaces) customers should independently verify the appropriateness of material for their explicit purpose (also adhesion to the selected substrate), prior to use. We strongly recommend customers conduct own tests before each application.

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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