

## IKONOS PROFIFLEX DECO ART SERIES

### PRODUCT DESCRIPTION:

Ikonos Profiflex Deco Art Series is a family of PET-based glass decoration films. This line of products includes only environmental friendly "PVC Free" materials which are perfect for longterm indoor applications. All products are characterized by interesting, elegant designs based on lines (LINEA series), squares (QUADRO series) or dots (PUNTO series) in various of colors: light silver, dark silver and white.

### PRODUCT STRUCTURE:

Film: 38 mic, transparent, patterned PET

Adhesive: permanent, transparent "crystal clear", solvent-based, acrylic dispersion

Liner: 36 mic, siliconized, transparent PET film

### RANGE OF APPLICATION:

Thanks to special, solvent-based, "crystal clear" adhesive, Deco Art Series are perfect for demanding applications e.g. glass walls, kitchens. Wide range of colors and patterns creates interesting and unique interior decoration effects at homes, offices, hotels etc.

Series	Code	Color of pattern	Description
LINEA	PPT LS38+ no. 1	Light silver	Transparent film with two types of stripes: 5 mm and 35 mm width
	PPT LW38+ no. 2	White	Transparent film with stripes (18 mm width)
	PPT LS38+ no. 3	Dark silver	Transparent film with stripes (10 mm width)
	PPT LS38+ no. 4	Light silver	Transparent film with stripes (44 mm width)
	PPT LS38+ no. 5	Light silver	Transparent film with stripes (18 mm width)
QUADRO	PPT QW38+ no. 6	White	Transparent film with squares (36 mm)
	PPT QW38+ no. 7	White	Transparent film with rhomboids (40mm width stripes constructed of rhomboids with different sizes)
PUNTO	PPT PW38+ no. 8	White	Transparent film with hexagonal dots (1.3 mm)

### PHYSICAL FEATURES:

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of patterned PET	ISO 2286-3	38 mic (±5%)
Total thickness (film+adhesive+liner)	ISO 2286-3	83 mic (±5%)
<b>Elongation at break</b>		
Machine direction [MD]	ASTM D882	140% (±10%)
Cross direction [CD]	ASTM D882	120% (±10%)
<b>Adhesive Power</b>		
Initial	FINAT 9	2.0 N/25mm
After 20 min	FINAT 1	6.8 N/25mm
After 24 h	FINAT 1	9.7 N/25mm
<b>Temperature range</b>		
While applying	-	from 15°C to 25°C
While exploiting	-	from -5°C to 45°C
<b>Durability</b>	90° vertical exposure	up to 3 years (unprocessed)
<b>Shelf Life</b>	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 oC, 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.

All presented information refers to unprinted/unprocessed Ikonos products. Features of products could change after printing/processing due to this reason all printed/processed Ikonos products are not covered by warranty.

Our limited liability relates only to the cost of the defective material which was bought by customer.

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