

## IKONOS PROFIFLEX DECO MRT D160+ LINO

### PRODUCT DESCRIPTION:

Ikonos Profiflex MRT D160+ LINO is a polymeric, white, mat PVC film coated with solvent-free, high tack acrylic adhesive. Product is dedicated for internal decoration thanks to a special embossing, which imitates a canvas/textile structure. PE-coated liner guarantees perfect flatness during printing.

### PRODUCT STRUCTURE:

Film: 160 mic, polymeric, white, mat, embossed PVC

Adhesive: acrylic, removable\*, extremely high tack adhesive

Liner: both sided PE coated, one-side siliconized, 140 gsm, PCK type backing paper

### COMPATIBLE INKS:

Eco-solvent, mild solvent, solvent, Latex, UV

### RANGE OF APPLICATION:

Ikonos Profiflex MRT D160+ LINO was designed for mid and longterm indoor applications for decoration purposes. Special structure, which imitates textile/canvas surface, gives an opportunity to create unique decorations effects.

### PHYSICAL FEATURES:

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PVC	ISO 2286-3	160 mic (±5%)
Total thickness (film+adhesive+liner)	ISO 2286-3	380 mic (±5%)
<b>Dimensional stability</b>		
Machine direction [MD]	ASTM D1204	-1% (±4%)
Cross direction [CD]	ASTM D1204	0% (±2%)
<b>Adhesive Power</b>		
Initial	FINAT 9	5.7 N/25 mm
After 20 min	FINAT 1	5.3 N/25 mm
After 24 h	FINAT 1	10.0 N/25 mm
<b>Temperature range</b>		
While applying	-	from 10°C to 40°C
While exploiting	-	from 5°C to 35°C
<b>Durability</b>	90° vertical exposure	3 years (unprinted)
<b>Shelf Life</b>	2 years (in original packaging, at 20 °C and 50% relative humidity)	

\* Easy removal up to 3 months with no or little residue.

\*\* Producer's internal test method

## 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

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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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