

IKONOS PROFIFLEX 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 μ , polymeric, white, mat, embossed PVC,
Adhesive: acrylic, removable*, extremely high tack adhesive,
Liner: both sided PE coated, one-side siliconized 140 g/m² PCK liner.

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
Thickness	Thickness of PVC	ISO 2286-3	160 μ (\pm 10 μ)
	Total thickness	ISO 2286-3	370 μ (\pm 20 μ)
Dimensional stability	Along	ASTM D1204	-1% \pm 4
	Across	ASTM D1204	0 \pm 2
Adhesive Power	Initial	FINAT 9	5,7 N/25 mm
	After 20 minutes	FINAT 1	5,3 N/25 mm
	After 24 h	FINAT 1	10,0 N/25 mm
Temperature range	While applying		from 15 °C to 40 °C
	While exploiting		from -10 °C to 35 °C
Durability		Indoor	3 years (unprinted film)
Shelf Life			2 years (in original packaging, at 20 °C and 50% relative humidity)

GENERAL

When printing on the MRT D160+ LINO the temperature settings of the printer are extremely important. Depending on the ambient conditions, the amount of ink and the requested print quality, we advise a heaters temperature between 35°C and 45°C (only when material stays completely flat).

Temperature can be raised, on condition that the Ikonos material stays completely flat.

To achieve good print quality we recommended to use settings with providing high saturation of colors.

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

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.

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.

Agents, representatives and salesmen are not entitled to give any guarantee, warranty or representation other to the foregoing.

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