

IKONOS PROFIFLEX LAM-PRO DW38+ EASY ERASE TRANSPARENT PET PROTECTION PVC-FREE FILM

PRODUCT DESCRIPTION:

Ikonos Lam-Pro DW38+ Easy Erase Clear is an environmental friendly, glossy, transparent polyester (PET) film with transparent, permanent adhesive. Thanks to special coating material is suitable for dry-erase markers (eg. Edding 250, Pilot Whyteboardmarker). Graphics can be easy remove without leaving shadows. Product can be also use to protect graphics and any flat surfaces from damages caused by graffiti.

Ikonos Lam-Pro DW38+ Easy Erase Clear is a PVC-Free material.

PRODUCT STRUCTURE:

Film: coated polyester (PET) film, 38 mic

Adhesive: permanent, transparent dispersion of polyacrylate with tackifier

Liner: one-side siliconized polyester film, 36 mic

RANGE OF APPLICATION:

Ikonos Lam-Pro DW38+ Clear was intentionally designed for indoor application. Material let to transform flat surfaces into dry-erase area. DW38+ Clear is a perfect solution for offices, schools, kindergardens etc. It can be also use to restore old whiteboards.

PHYSICAL FEATURES:

	STANDARD NO.	VALUE
Thickness		
Thickness of PET film	ISO 534	38 mic (±5%)
Total thickness	ISO 534	95 mic (±5%)
Total weight	ISO 534	130 gsm (±5%)
Tensile strength at break	ISO 527-1 and -3	260 N/mm ² [MD] 280 N/mm ² [CD]
Elongation at break	ISO 527-1 and -3	140% [MD] 125% [CD]
Haze	ASTM D 1003-61	90%
Transparency	ASTM D 10003-61	3%
Adhesive Power		
Initial	FINAT 9	5.4 N/25 mm
After 20 min	FINAT 1	12.3 N/25 mm
After 24 h	FINAT 1	17.4 N/25 mm
Temperature range		
While applying	-	from 10°C to 40°C
While exploiting	-	from 5°C to 25°C
Durability	90° vertical exposure	indoor 3 years (unprinted)
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 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.

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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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