

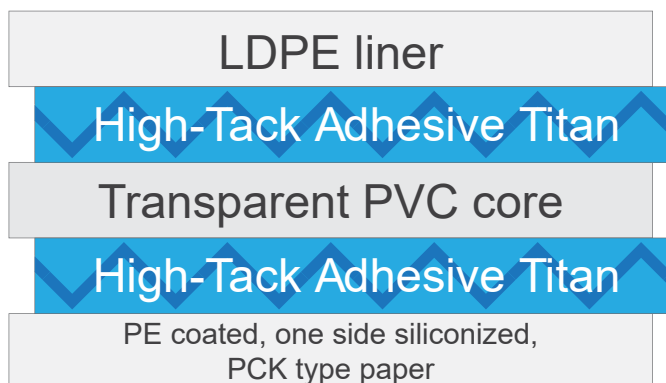
IKONOS LAM-PRO PROFIFLEX DPT LP75+ DOUBLE TITAN

PRODUCT DESCRIPTION:

Ikonos Lam-Pro Profiflex DPT LP75+ Double Titan is transparent, doublesided mounting film. The core of the material is polymeric, 70 µm, transparent PVC film coated on both sides with permanent, transparent, high-tack adhesive. The material is perfect for mounting, creating custom cut-outs and for turning prints into self-adhesive products. Adhesive layers are secured by siliconized, transparent polyester film.

PRODUCT STRUCTURE:

- Film:** 70 µm, polymeric, calandered, transparent PVC film
- Adhesive:** permanent modified with 10% tackifier, transparent dispersion of polyacrylate
- Liner (top):** 60 µm, LDPE
- Liner (bottom):** two-sided PE coated, one side siliconized, 140 gsm PCK type backingpaper



RANGE OF APPLICATION:

Ikonos Lam-Pro Profiflex DPT LP75+ Double Titan is a perfect solution for mounting posters, graphics, photos to different surfaces. High-tack adhesive Titan significantly increases the number of possible applications in comparison to standard doubleside adhesive films.

PHYSICAL FEATURES:

	STANDARD NO.	VALUE
Thickness ² of PVC	ISO 2286-3	70 µm (±5µm)
Thickness ² of LDPE	ISO 2286-3	60 µm (±5µm)
PE Liner weight ³		140g/m ² (±5g/m ²)
Total weight³		360g/m² (±5%)
Adhesive Power⁵		
Initial	FINAT 9	10.0 N/25 mm (LDPE side) 10.0 N/25 mm (PE side)
After 20 min	FINAT 1	12.0 N/25 mm (LDPE side) 12.0 N/25 mm (PE side)
After 24 h	FINAT 1	18.0 N/25 mm (LDPE side) 18.0 N/25 mm (PE side)
Temperature range		
While applying	-	from 10°C to 35°C
While exploiting	-	from -15°C to 50°C
Durability*	90° vertical exposure	indoor up to 2 years (unprinted)
Shelf Life	2 years (in original packaging, at 20 °C and 50% relative humidity)	

¹ The customer is obliged to conduct his own tests before the final application, to verify the compatibility of this product with the desired result.

² Mitutoyo MDE-25PX

³ KERN PNJ

⁴ Micro-tri-glass, BYK Altana, Measurement at 60°

⁵ Shimadzu Autograph AGS-x

⁶ For short-term application only - lower adhesion coating

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. The 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.

Due to wide range of possible uses and applications customers should independently verify the appropriateness of material for their explicit purpose, prior to use. The customer is obliged to conduct his own tests before the final application, to verify the compatibility of this product with the desired result.

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