

IKONOS PROFIFLEX LAM-PRO GPT CLR AIR 100+ ANTIMICROBIAL

PRODUCT DESCRIPTION:

Series of Ikonos Profiflex Pro GPT CLR Air 100+ Antimicrobial is transparent, glossy monomeric, calandered, self-adhesive PVC with permanent, transparent self-adhesive lamination film. The coat has antibacterial properties. The product was intentionally designed to prevent propagation of bacteria. It may also serve as a printing medium.

GPT CLR 100+ Antimicrobial is certified accordingly to ISO 22196-2011

PRODUCT STRUCTURE:

Film: 100 mic, monomeric, calandered, transparent, glossy PVC film

Glue: permanent, transparent dispersion of polyacrylate

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

RANGE OF APPLICATION:

Ikonos Profiflex Pro GPT CLR AIR 100+ Antimicrobial is perfect for all indoor applications in public places such as hospitals, schools, kindergartens, airports and stations.

PHYSICAL FEATURES:

	STANDARD NO.	VALUE
Thickness		
Thickness of PVC	ISO 2286-3	100 mic (±5%)
Total thickness (film+glue+liner)	ISO 2286-3	227 mic (±5%)
Tensile stress at break		
	ISO 527-3/2/200	32 MPa [MD] 28 MPa [CD]
Tensile strain at break		
	ISO 527-3/2/200	180 % [MD] 200% [CD]
Adhesive Power		
Initial	FINAT 9	6.5 N/25 mm
After 20 min	FINAT 1	13.7 N/25 mm
After 24 h	FINAT 1	21.4 N/25 mm
Temperature range		
While applying	-	from 10°C to 35°C
While exploiting	-	from -15°C to 50°C
Durability	90° vertical exposure	indoor 3 years (unprinted)
Shelf Life	2 years (in original packaging, at 20 °C and 50% relative humidity)	

* 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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