

IKONOS PROFICOAT PP140+

AVAILABLE STANDARD WIDTHS: 1.10 m

PRODUCT DESCRIPTION: Ikonos Proficoat PP140+ is a white, matt BOPP (Biaxially Oriented Polypropylene) film. Material was intentionally designed for printing with eco-solvent, latex and UV printers. Thanks to special coating product guarantees high print quality and vivid colors.

Material does not contain PVC.

COMPATIBLE INKS: Eco-solvent, Latex, UV

PRODUCT STRUCTURE:

Surface: matt

Film: white, matt, BOPP film, 140 mic

COMPATIBLE INKS: Eco-solvent, Latex, UV

RANGE OF APPLICATION: Ikonos Proficoat PP140+ was designed for indoor applications. Thanks to "PVC free" construction material is a perfect solution for environmental friendly graphics, posters and interior decoration purposes.

PHYSICAL FEATURES:

	STANDARD NO.	VALUE
Thickness of BOPP	ISO 534	140 μ ($\pm 5\%$)
Total weight	ISO 534	101 g/m ² ($\pm 5\%$)
Opacity	ISO 2471	92% ($\pm 5\%$)
Thermal shrinkage	ASTM D 2732 (135°C/7 min)	<2.5% (MD)
		<1.5% (TD)
Tensile strength	ASTM D 882	>75 N/mm ² (MD)
		>165 N/mm ² (TD)
Temperature range		
	While applying	-
	While exploiting	-
Durability	Indoor	from 10 °C to 40 °C
		from 5 °C to 40 °C
Shelf Life		3 years
		(unprinted/unprocessed film)
		1 year(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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*Producer's Internal Test Method.