

## IKONOS PROFIFLEX PRO SERIES

### GPT CLR (GLOSSY): TRANSPARENT, MONOMERIC SELF-ADHESIVE PVC

#### → AVAILABLE STANDARD WIDTHS AND LENGTHS

1.05, 1.37, 1.60 x 50 m. Other lengths on Customers' individual request.

#### → PRODUCT DESCRIPTION

This series of Ikonos Profiflex Pro CLR includes a transparent, glossy, monomeric, calandered, self-adhesive PVC with permanent, transparent glue. The product was intentionally designed for printing on solvent plotters in high speed and top quality.

#### → PRODUCT STRUCTURE

Film: 100 µm transparent, glossy, monomeric PVC with permanent transparent glue.

Glue: permanent dispersion of water-based polyacrylate, highly resistant to UV irradiation and moisture.

Liner: one-side siliconized 121g/m<sup>2</sup>, "claycoated" type backingpaper.

#### → RANGE OF APPLICATION

Ikonos Profiflex Pro is perfect for all indoor applications as well as for short- and midterm outdoor usage.

#### → PHYSICAL FEATURES

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PVC	ISO 2286-3	0,100 mm
Total thickness (PVC+glue+liner)	ISO 2286-3	0,228 mm
<b>Tensile stress at break</b>		
Along	ISO 527-3/2/200	32 MPa
Across	ISO 527-3/2/200	28 MPa
<b>Tensile strain at break</b>		
Along	ISO 527-3/2/200	180%
Across	ISO 527-3/2/200	200%
<b>Adhesive Power</b>		
Initial	FINAT 9	6.5 N / 25 mm
After 20 minutes	FINAT 1	13.7 N / 25 mm
After 24 h	FINAT 1	21.4 N / 25 mm
<b>Temperature range</b>		
While applying	-	from 10 °C to 35 °C
While exploiting	-	from -15 °C to 60 °C
<b>Flammability</b>		Adhered to aluminium, glass or steel – self-extinguishing
<b>Outdoor durability</b> (based on vertical surface exposure)		3 years (not-printed PVC)
<b>Shelf Life</b>		2 years (in original packaging, at 20 °C and 50% relative humidity)

After printing the ink must be perfectly dry so as to avoid any affect on the later combination with the laminate. The surface on which Profiflex Pro is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion. Freshly lacquered or painted surfaces should be allowed to dry for no less than three weeks. The compatibility of particular lacquers and paints should be tested by the user, prior to application on the material.

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IKONOS LARGE FORMAT PRINTING MEDIA

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