

**IKONOS PROFIFLEX PRO P80+ SERIES****GPT P80+ (GLOSSY): WHITE, POLYMERIC SELF-ADHESIVE PVC****→ AVAILABLE STANDARD WIDTHS AND LENGTHS**

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

**→ PRODUCT DESCRIPTION**

This series of Ikonos Profiflex Pro P80+ is a white, glossy, polymeric, 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: 80 µm white, glossy, polymeric 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 P80+ is perfect for all indoor applications as well as for mid- and longterm outdoor usage.

**→ PHYSICAL FEATURES OF PROFIFLEX PRO GPT P80+**

	STANDARD NO.	VALUE
<b>Thickness</b>		
Thickness of PVC	ISO 2286-3	0,080 mm
Total thickness (PVC+glue+liner)	ISO 2286-3	0,208 mm
<b>Tensile stress at break</b>		
Along	ISO 527-3/2/200	min. 24 MPa
<b>Tensile strain at break</b>		
Along	ISO 527-3/2/200	min. 200%
<b>Gloss level</b>	DIN 67530, 85°	40 [CD]
<b>Dimensional stability</b>	DIN 53377	max. -3% [MD]
<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 12 °C to 40 °C
While exploiting	-	from -20 °C to 50 °C
<b>Flammability</b>		Adhered to aluminium, glass or steel – self-extinguishing
<b>Durability *</b>		90' vertical exposure      indoor 7 years 90' vertical exposure      outdoor 5 years
<b>Shelf Life</b>		2 years (in original packaging, at 20 °C and 50% relative humidity)

\* The data concerns vertical surface exposure of an unprinted film. The outdoor durability relates to the temperate climate of Middle Europe. If the film is exposed to extreme weather conditions, such as extreme 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.

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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