

IKONOS PROFIFLEX PRO P80+ SERIES

GPG P80+ (GLOSSY): WHITE, POLYMERIC 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 P80+ is a white, glossy, polymeric, calandered, self-adhesive PVC with permanent, grey 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 grey glue.

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

Liner: 2-side PE coated, one side siliconized 135g PCK 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 GPG P80+

	STANDARD NO.	VALUE
Thickness		
Thickness of PVC	ISO 2286-3	0,080 mm
Total thickness (PVC+glue+liner)	ISO 2286-3	0,230 mm
Tensile stress at break		
Along	ISO 527-3/2/200	min. 24 MPa
Tensile strain at break		
Along	ISO 527-3/2/200	min. 200%
Gloss level	DIN 67530, 85'	40 [CD]
Dimensional stability	DIN 53377	max. -3% [MD]
Adhesive Power		
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
Temperature range		
While applying	-	from 12 °C to 40 °C
While exploiting	-	from -20 °C to 50 °C
Flammability	Adhered to aluminium, glass or steel – self-extinguishing	
Durability *	90' vertical exposure	indoor 7 years
	90' vertical exposure	outdoor 5 years
Shelf Life	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 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.

After printing the ink must be perfectly dry so as to avoid any effect 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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