

## IKONOS PROFIFLEX PRO AIR+ SERIES GPG P80 AIR+ (GLOSSY): WHITE, POLYMERIC SELF-ADHESIVE PVC WITH STRUCTURED GREY ADHESIVE

### → AVAILABLE STANDARD WIDTHS AND LENGTHS

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

### → PRODUCT DESCRIPTION

Highest quality white, polymeric with grey structured adhesive, self-adhesive PVC film for mid-term (outdoor) and long-term (indoor) use. The liner that creates a special glue structure, allows for faster and easier application on chosen surfaces. Special production technology enables very fast printing. Most important attributes are vivid colours, excellent ink absorption and fast drying time.

### → PRODUCT STRUCTURE

Film: 80 µm white, glossy polymeric PVC

Glue: grey, permanent dispersion of water-based polyacrylate, highly resistant to UV irradiation and moisture, intentionally structured for fast and easy application

Liner: both sided PE coated, one-side siliconized, structured PCK liner

### → RANGE OF APPLICATION

Ikonos Profiflex Pro AIR+ 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	0,080 mm
Total thickness (PVC+glue+liner)	ISO 2286-3	0,230 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 (unprinted PVC)
	90° vertical exposure	outdoor 5 years (unprinted 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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