

IKONOS PROFIFLEX PRO 100+ SERIES

GRT 100+ (GLOSSY) / MRT 100+ (MATT): WHITE, MONOMERIC SELF-ADHESIVE PVC WITH REMOVABLE CLEAR ADHESIVE

→ AVAILABLE STANDARD WIDTHS AND LENGTHS

1.05, 1.27, 1.37, 1.60 x 50 m. Other lengths on Customers' individual request.

→ PRODUCT DESCRIPTION

This series of Ikonos Profiflex Pro GRT/MRT 100+ includes a white, glossy or matt, monomeric, calandered, self-adhesive PVC with removable, transparent glue. The product was intentionally designed for printing on solvent plotters in high speed and top quality.

→ PRODUCT STRUCTURE

Film: 100 µm white, glossy or matt, monomeric PVC with removable transparent glue.

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

Liner: one-side siliconized 121g/m², "claycoated" type backingpaper.

→ RANGE OF APPLICATION

Ikonos Profiflex Pro 100+ is perfect for all indoor applications as well as for short- and midterm outdoor usage.

→ PHYSICAL FEATURES OF PROFIFLEX PRO GRT/MRT 100+

	STANDARD NO.	VALUE
Thickness		
Thickness of PVC	ISO 2286-3	0,100 mm
Total thickness (PVC+glue+liner)	ISO 2286-3	0,228 mm
Tensile stress at break		
Along	ISO 527-3/2/200	32 MPa
Across	ISO 527-3/2/200	28 MPa
Tensile strain at break		
Along	ISO 527-3/2/200	180%
Across	ISO 527-3/2/200	200%
Adhesive Power		
Initial	FINAT 9	3.7 N / 25 mm
After 20 minutes	FINAT 1	3.3 N / 25 mm
After 24 h	FINAT 1	8.0 N / 25 mm
Temperature range		
While applying	-	from 10 °C to 35 °C
While exploiting	-	from -15 °C to 60 °C
Flammability	Adhered to aluminium, glass or steel – self-extinguishing	
Outdoor durability (based on vertical surface exposure)	3 years (not-printed PVC)	
Shelf Life	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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