

IKONOS PROFIFLEX PRO 100+ SERIES

GPG FX 100+ (GLOSSY)/MPG FX 100+ (MATT), WHITE, MONOMERIC SAV PVC, GREY GLUE

→ 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 FX 100+ includes a white, glossy or matt, monomeric, calandered self-adhesive PVC with permanent grey glue. The product was specially designed for printing on solvent plotters in high speed with top quality.

→ PRODUCT STRUCTURE

Film: 100 µm white, glossy or matt, monomeric PVC with permanent gray glue.

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

Liner: one side siliconized 135g PCK type backingpaper

→ RANGE OF APPLICATION

Ikonos Profiflex Pro FX 100+ can be used for all indoor applications as well as for short- and midterm outdoor usage.

→ PHYSICAL FEATURES OF PROFIFLEX PRO GPG/MPG FX 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 | 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 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 (unprinted 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 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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*Producer's Internal Test Method.

IKONOS LARGE FORMAT PRINTING MEDIA

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