

MRT FX 150+ MATT, WHITE, MONOMERIC VINYL, WITH REMOVABLE CLEAR ADHESIVE

AVAILABLE STANDARD WIDTHS AND LENGTHS

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

PRODUCT DESCRIPTION

This series of Ikonos Profiflex Pro MRT FX 150+ includes a white, matt, monomeric, calandered, self-adhesive PVC with removable, transparent, high-tack adhesive. The product was intentionally designed for printing on solvent printers in high speed and top quality.

PRODUCT STRUCTURE

Film: 150 µm white, matt, monomeric PVC

Adhesive: removable, high-tack, transparent, dispersion of water-based polyacrylate, highly resistant to UV irradiation and moisture

Liner: one side siliconized 135g CCK type backingpaper

RANGE OF APPLICATION

Ikonos MRT FX 150+ is dedicated for labels, indoor wall covering, non-polar surfaces and other difficult substrates.

PHYSICAL FEATURES

| | STANDARD NO. | VALUE |
|--|---|----------------------|
| Thickness | | |
| Thickness of PVC | ISO 2286-3 | 0,150 mm |
| Total thickness (PVC+glue+liner) | ISO 2286-3 | 0,278 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 (unprinted PVC) | |
| Shelf Life | 2 years (in original packaging, at 20 °C and 50% relative humidity) | |

DURABILITY

The data concerns vertical surface exposure of an unprinted/unprocessed 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.

HANDLING & PROCESSING

Recommended storage conditions: 50% of relative humidity, 20 °C, in original packaging.

Customer should always store rolls together with label which consist information about type of product, dimensions of roll and batch number.

Any claims or requests will not be accepted without information about batch number.

During storage time shrinking of the edges of monomeric PVC film could be noticed.

To obtain good print quality/good processing results we recommend acclimatize rolls in printing/processing room min. 24 hour before printing/processing. Large fluctuations in temperature and humidity between the room and the material have an impact on flatness and printability of material.

If printed, the ink must be perfectly dry before further processing e.g laminating or application. Features of products could be changed by the residuals solvents. The surface on which product is applied must be free of dust, grease, lubricant and any other substances which may hinder the film from adhesion.

Due to wide range of possible uses and applications customers should independently verify the appropriateness of material for their explicit purpose, prior to use. We strongly recommend customers conduct own tests before each application.

IMPORTANT NOTICE

The information included in the present publication is based upon our knowledge as well as practical experience and can be changed without prior notice. All information always represents an average, a minimum or maximum value and should be considered as such.

This data is displayed only in order to serve as a source of information and is given without guarantee and does not constitute a warranty.

All presented information refers to unprinted/unprocessed Ikonos products. Features of products could change after printing/processing due to this reason all printed/processed Ikonos products are not covered by warranty.

Our limited liability relates only to the cost of the defective material which was bought by customer.

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