

FICHE TECHNIQUE

Référence : ERM50B

Désignation : Étiquette en rouleau

PRODUCT DATA SHEET for ERM

PRODUCT DESCRIPTION: Flexible Magnetic with white or yellow pvc film

STANDARD THICKNESS: 0.9 mm(+/-0.03mm)

STANDARD WIDTH: depending on article number see below (+/- 1 mm)

STANDARD LENGTH: 10mm(+3mm/-1 mm)

MAGNETIC PROPERTIES

Maximum Energy Product: 0.45 –0.55 MGOe

Remanence: 1600 –1900 G

Coercivity: 1200 –1500 Oe

Intrinsic coercivity: 2200 –2500 Oe

Pole width: 2.0 mm

Magnetic pull: 36 g/cm²

PHYSICAL PROPERTIES

Flexibility: can be wrapped around a rod with a 12mm radius at 20°C without cracking

Specific Gravity: 3.5 to 3.7 g/cm³

Cutting: Scissor cutting, knife-cutting, die-cutting and slitting can be done with ease

TEMPERATURE RESISTANCE

End-use temperature range: -30°C / +55°C

Short term resistance: + 65°C

MATERIAL PROPERTIES

The magnetic sheeting has a UV hardened coating on the magnetic side

PVC FILM

Outdoor Applications: 2-year durability under Middle European exposure conditions. Exposure to severe humidity, ultra-violet light or conditions found in tropical, subtropical or desert regions will cause a more rapid deterioration.

Printability:

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| Screen Printing: Solvent-based Inks | Yes |
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| Screen Printing: UV Cure Inks | Yes |
| Conventional Offset Printing | Yes |

Storage:

The material should be stored horizontally. Avoid sunlight and keep temperature between 10 and 30 degrees Celcius.

Notes:

1. Thickness of PVC film is 0.10mm.
2. Screen Printability with UV cure inks deteriorates with time. We strongly recommend users to use the product within 6 months after date of production when screen print with UV inks is involved in the application.

ERM:

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| ERM15B | Rolls isotropic 15 mm x 5 m with white vinyl, packed per 2 pieces in polybag with label (overall thickness: 0.9 mm) |
| ERM15J | Rolls isotropic 15 mm x 5 m with yellow vinyl, packed per 2 pieces in polybag with label (overall thickness: 0.9 mm) |
| ERM20B | Rolls isotropic 20 mm x 5 m with white vinyl, packed per piece in polybag with label (overall thickness: 0.9 mm) |
| ERM20J | Rolls isotropic 20 mm x 5 m with yellow vinyl, packed per piece in polybag with label (overall thickness: 0.9 mm) |
| ERM25B | Rolls isotropic 25 mm x 5 m with white vinyl, packed per piece in polybag with label (overall thickness: 0.9 mm) |
| ERM25J | Rolls isotropic 25 mm x 5 m with yellow vinyl, packed per piece in polybag with label (overall thickness: 0.9 mm) |
| ERM30B | Rolls isotropic 30 mm x 5 m with white vinyl, packed per piece in polybag with label (overall thickness: 0.9 mm) |
| ERM30J | Rolls isotropic 30 mm x 5 m with yellow vinyl, packed per piece in polybag with label (overall thickness: 0.9 mm) |



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