

FILMOMAG

FILM PVC 500M W/B



Product information

- 500µm printable PVC-based magnetic film with anti-rust-treatment
- ideal solution for simple and fast exchange of graphics at the POS
- color: white matt (front), brown (back)

Areas of Application

- for application on any iron or steel surfaces
- changeable indoor advertising
- frequently changed warning and information signs
- suitable for UV curable inks, screen printing and due to UV offset
- (Eco)Solvent inks must be tested for suitability in advance
- not suitable for Latex inks

Construction drawing

PVC film ~100µm
Magnetic film ~400µm

TECHNICAL SPECIFICATIONS

Material	printable PVC-coated magnetic film
Total thickness incl. liner	approx. 500µm (±10%)
Total weight	approx. 1450 g/m ² (±10%)
Magnetic holding force	≥ 17,0 g/m ²
Magnetic pitch	2.0 mm
Opacity	100%
Water resistance	high
Application temperature	+15°C +30°C
Fire protection class	B-s1,d0 - EN 13501-1
Storage conditions	10°C - 35°C, 20-70% relative humidity
Shelf life	12 months in original packaging

Available sizes

- 102cm x 20m
- 127cm x 20m

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Processing & Handling

- magnet films are temperature resistant from -15° to +55°C, and even higher for short periods of time.
- magnet film is magnetized on either one, or both sides. The magnet film can be coated on either one or both sides. Due to its magnetic field, magnet film attracts electrostatic dust and charged particles. For this reason, the film must be cleaned before processing, especially when printing or embossing. Cut sheets should be stored flat and well covered, with paper liners between the sheets to prevent adhesion.
- when cutting fresh from the roll, the magnet film should be laid flat for 24 to 48 hours at room temperature (18°C+) with paper or cardboard between the layers, otherwise problems may occur during the printing process (raising of material).
- printed magnetic film should dry at room temperature. The use of a drying channel is not recommended, especially with multiple printing stages or when the material is to be punched or embossed (stretching or shrinkage).
- steel band knives are recommended for punching. Sheets can be cut with practically any paper cutting machine, scissors or knife.
- magnet film should always be stored flat. Under no circumstances should the material be laid on any kind of protrusion or uneven surface as this may cause permanent distortion or warping.
- if for some reason waves or undulations in the material occur, we recommend mounting the film on sheet metal (at least 1mm thick) between +30° and +40°C for 24 to 48 hours.
- we recommend a material thickness of at least 0.9mm when producing signs for vehicle application. This thickness offers the best compromise between adhesion strength and aerodynamic drag.
- when not in use, vehicle signs should be stored flat, or better yet, applied to a metal cabinet or other smooth metal surface.
- incorrect storage, cleaning or mounting, as well as high speeds, may cause the magnet sign to fall off, possibly endangering other vehicles.
- when removing magnet film, don't grasp the film directly in the corner but rather 1cm away from the corner.
- before application, ensure that the base surface is clean. Wipe the surface with a dry cloth and make sure that it is free of grease, dust or dirt. For increased cleanliness, the surface can be cleaned with isopropyl alcohol.

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