



TECHNICAL DATA SHEET - MAGNETIC FILM

MB810

850- μm , matt, white, removable magnetic film, with a pole width of 2.5 mm, for use as removable signage on panels, vehicles or other metallic substrates.

PRODUCT FEATURES:

	<u>Indicative values</u>
• Thickness (μm):	850
• Weight (g/m^2):	2700
• Magnetic force (g/cm^2):	45

USER'S INSTRUCTIONS:

VERY IMPORTANT

The film applicator must ensure that the end-user is aware of the information and recommendations contained in this document.

If there is no written evidence acknowledging receipt of transmission to the end-user, any product defect (non removability, paint damage, etc.) will not be considered as the manufacturer's liability.

General advices:

- The film can be cut using cutter or scissors.
- Magnetic sheets attract electro-static dust and charged particles and thus require cleaning before further processing (printing, etc.).
- For cleaning, only use water or a neutral detergent.
- As soon as the roll is removed from its packaging the product must be stored in flat position (sheets) or standing vertically (rolls) in order to prevent pressure marks caused by its own weight. Such deformation may be irreversible.
- To remedy deformations, place on a flat metal sheet of at least 1-mm thickness for 24 to 48 hours at a temperature of +30 °C to +40 °C (+86 °F to +104 °F).
- After cutting a roll and before marking, leave the magnetic sheet lying flat for 24 to 48 hours at a temperature above 18 °C (64 °F). Put paper sheets between the layers to prevent the magnetic sheets from sticking to each other.

Advice for vehicle markings:

- The target surface and the rear of the magnetic sheet must be clean and dry. It is recommended to carefully wipe the magnetic sheet in order to remove any metallic particles that might have adhered to its surface.
- Variations in temperature lead to water condensation between the magnetic sheet and the vehicle body. For this reason, at least once a week the sheet must be removed, cleaned and applied again at a slightly offset area. Since areas exposed to sunlight are ageing faster than covered areas, you will thus avoid too severe markings.
- **It is prohibited to apply this film to the vehicle bonnet.**
- The magnetic sheet and the vehicle body must be **cleaned frequently** (once a week and preferably every other day in summer).
- When washing the vehicle, the magnetic sheet must be removed, cleaned and dried before being applied again.
- The target surface must be free from peaks or dips because, due to the lack of sufficient contact, air could penetrate between the sheet and the substrate.
- The size of the magnetic sheet must be such that it can be applied flat (without deformation of the product).
- In the case of high temperatures, a poorly cleaned magnetic sheet may stick to the substrate and peel off the paintwork.
- The rear of the magnetic film contains strontium ferrite insulated by a coat of varnish. Any impurities on its rear may damage the insulating varnish and may cause rust spots leading to further damage.
- Do not apply this film to fresh car paintwork as the solvents may interact with the magnetic layer (the panel may stick to the vehicle paint).
- Do not use the magnetic film on car bodies repaired with filler.
- The magnetic film has to be withdrawn from the vehicle if the temperature is over 30 °C (86 °F) in the shade.

STORAGE:

- Shelf life (before application):
6 months when stored unopened in its original packaging at a temperature ranging from -30 °C to +70 °C (-22 °F to +158 °F).

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use. All the published information is based on measurements regularly performed in the laboratory. It does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website www.hexis-graphics.com. You should check it regularly for these updates.