

GUIDELINES FOR THE CORRECT USE AND MAINTENANCE OF PRINTABLE FLEXIBLE MAGNETIC FILMS

Observing this instruction will extend the life of magnetic material and prevent damage to equipment and the surfaces to which the product is applied.

STORAGE



Store the roll of unused magnetic film vertically in its original packaging to prevent deformation of the material in a dry, cool and dark place.

Do not stack sheets with the magnetic sides touching each other.

Do not put heavy objects on the sheets or rolls.

Keep the material away from strong (electro) magnetic fields.

USE AND HANDLING



Magnetic materials adhere to iron/steel surfaces but may not adhere to certain types of stainless steel.

Before applying the material to a painted steel surface make sure that the paint or wax is fully cured. Freshly painted surfaces will take approximately 90 days, waxed surfaces 2 days.

Vinyl film or a thick layer of paint will create an "air" gap and decrease the magnetic holding force.

Be sure the film is applied on a flat surface and avoid air bubbles and gaps caused by stickers or trim.

If the film has not been applied to the correct spot, remove it completely and re-apply otherwise the material may stretch and/or scratch the surface.

Do not use on horizontal surfaces exposed to direct sunlight (i.e. a car bonnet or roof) or to temperatures above 70 degrees Celsius. Long-term use of magnetic film on surfaces exposed to strong UV radiation may cause uneven fading.

Magnetic film does not rust, but remove and clean the magnetic film at regular intervals to avoid build-up of moisture between the film and the metallic surface. It is recommended to do this weekly, daily on new cars.

Magnetic holding force depends on the thickness of the magnetic layer. Only the 850-micron version is recommended for moving vehicles.

Magnetic films can be bent with a radius of 12 mm. The material can be cut with scissors, a sharp knife and die cut.

ENVIRONMENTAL CONDITIONS



Magnetic films can be used between -20 Celsius and +70 Celsius. For a short period temperatures up to 80 degrees Celsius are allowed. Use outside this temperature range may affect the magnetic properties and material characteristics permanently.

PRINTING TIPS



Some printers may not detect the media because of the dark reverse side. In most printers this can be overcome by placing a white sticker over the media sensor.

In some printers the magnetic material may be attracted by the sheet metal in the printer and block the media transport. To overcome this the sheet metal parts can be covered with a sheet of paper, used release liner or polyester film.

Check the printer temperatures settings to avoid damage and deformation of the material and if the printer can handle the weight and thickness of the material.

WARNING: Do not run the printer unattended, it may not detect the end of media (4a. - 4b.) and continue printing after the media is finished which will cause contamination and damage to the printer. Using these workarounds is the sole responsibility of the user. The distributor / manufacturer cannot be held liable for damage to the equipment.

GENERAL RECOMMENDATIONS



Because of the large variety of printing techniques, ink and surfaces to which the product is applied it is strongly recommended to carry out a preliminary test before starting production. Although extensive tests have shown that painted surfaces are not damaged by our magnetic films when recommendations are followed we cannot guarantee that there will be an adverse reaction between the material and the paintwork.