

# Magnetic Rubber

## product specification

Victory Vehicle Grade Magnetic Rubber is a vinyl coated sheeting ready for print or paint, no surface preparation is required for most applications. It is light weight, corrosion resistant and flexible.

Ideal for vehicle signs that can be quickly and easily removed and re-applied time after time.

## application

Vehicle bodywork and magnetic signage.

## magnetic properties

Energy (BH Max):	0.6 MGOe
Residual induction br (Gauss):	1600-1800 Gs
Intrinsic Coercive Force Hcl (Oersteds):	2405 Oe
Coercive Force HcB Oe:	1306 Oe
Pull Force:	>40g/cm <sup>2</sup>

## physical properties

Flexibility:	Can be coiled to ½" radius without cracking at 68°F.
Hardness	Shore D45
Machinability:	Die cutting, Knife-cutting etc., cleanly & with ease
Specific Gravity:	3.6

## Guidance for the use of magnetic rubber for temporary vehicle signage

Magnetic sheet has been used, successfully, as vehicle signs for several decades. However, in exceptional circumstances, it may result in damage to vehicle paintwork. The following guidance is given to avoid the risk of any damage occurring. Numerous tests have been undertaken at point of manufacture and although during this testing no damage to vehicle paintwork was caused, we cannot guarantee that there will not be an adverse reaction between the magnetic sheet and the vehicle paintwork as we do not have control over how the material may be altered, stored, cared for and used. As such customers must be aware of the risks involved.

- ✘ Do not attach magnetic sheet to freshly painted surfaces, especially non-factory applied finishes.
- ✘ Do not use on body panels containing non-ferrous filler since this will greatly reduce the magnetic performance.
- ✔ Do clean and polish the area of the vehicle intended for the sign with a good quality wax polish.
- ✔ Do make sure that both the vehicle and magnetic sheet are clean and dry prior to placing the magnetic sheet on the paintwork.
- ✔ Do make sure that the magnetic sign is regularly removed, cleaned with soapy water without any solvents, rinsed, dried and re-applied. Ideally this should be done daily but at least every two days. In very hot weather, it MUST be done daily.
- ✔ Do make sure that all of the magnetic sheet is in contact with the vehicle, avoiding any heavily contoured areas, to ensure maximum performance and as such avoid any movement of the sign whilst in use at higher speeds.
- ✔ When not in use on the vehicle store the magnetic sign flat, preferably on a flat ferrous surface to avoid the magnetic face attracting airborne ferrous dust.

## Handling and storage

Store product at ambient temperatures out of contact with the elements. Keep from contact with strong mineral acids and oxidizers. Dusts and/or particulate matter that may be generated during handling or processing should be cleaned up by vacuuming or wet mopping.