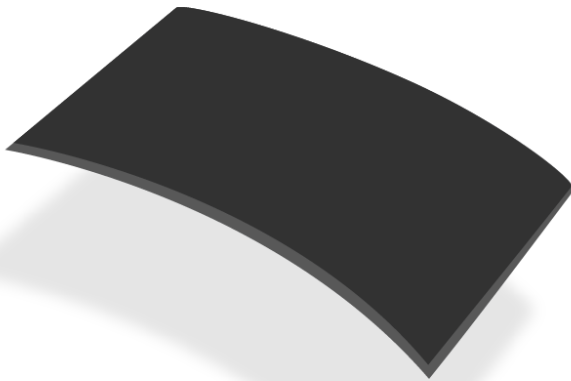




Data Sheet - #744

FERRITE COMPOUND ISOTROPIC MAGNETIC SHEET



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

Physical Properties

Flexibility: Can be coiled to ½ " radius without cracking at 60°F.
Hardness: Shore D45
Machinability: Die cutting, Knife cutting etc., cleanly & with ease.
Specific Gravity: 3.6

Thickness

0.3mm
0.4mm
0.5mm
0.75mm
1.5mm

Attractive Force

8g/cm²
25g/cm²
27g/cm²
40g/cm²*
55g/cm²

* Data Sheet #744 - Vehicle Grade Magnetic Sheet should be of at least this pull force to be termed as such. It is this characteristic of the material rather than its thickness to which the term refers.

General #744 magnetic sheet has been used, successfully, as vehicle signs for several decades. However, in exceptional circumstances, it may result in damage to vehicle paintwork.

Application Clean and polish the area of the vehicle intended for the sign with a good quality wax polish. Make sure both the vehicle and magnetic sheet are clean and dry prior to placing the magnetic sheet on the paintwork. 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 2 days. In very hot weather, it MUST be done daily. Make sure that all of the magnetic sheet is in contact with the vehicle, avoiding 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. Do not attach magnetic sheet to freshly painted surfaces. Especially non-factory applied finished and do not use on body panels containing non-ferrous filler since this will greatly reduce the magnetic performance.

Special considerations This guidance is given to avoid the risk of any damage occurring. We have undertaken numerous tests using the guidance advice with the application of magnetic signs to vehicles and although during this testing we have not caused any damage to vehicle paintwork we cannot guarantee 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. It is in your interest to ensure that the contents of this advice and guidance is passed to your customers as we have no contractual obligation with them.

All data given is considered reliable but does not constitute a warranty. It is the responsibility of the user to satisfy themselves as to the suitability of the product for the particular application and conditions. A sample for this purpose will be supplied on request.