

Use, Care & Cleaning of Your Magnum® Brand Flexible Magnetic Material

All Magnum products are precision-made to meet your needs and specifications, while retaining their durability and appearance for years. Proper use and care, however, will help to extend the life of your magnet and protect the metallic surface to which it is applied.

Important — General Caution

Applying any material to a painted metallic surface without following All Instructions For The Use And Care may result in damage to that surface. Magnum Magnetics takes pride in keeping its product users apprised of information that helps prevent such consequences. By following these instructions, a product user can ensure top performance. Failure to follow these instructions and tips may cause damage to the magnetic material and/or surface to which applied and/or failure of the magnet to maintain its hold. Magnum will not be held liable for any damage caused by abuse, misuse, or failure to follow the enclosed tips and instructions. We recommend that you keep these tips handy to review periodically.

Storing Flexible Magnet

- ◆ When not using flexible magnetic sheet, keep it in a clean, dry place.
- ◆ Store rolled stock on end to keep it from developing flat spots.
- ◆ Store rolled sign material on end with the printed or vinyl side out.
- ◆ Stack flat magnet on a level surface. Avoid placing objects (such as cartons) on top that could damage the face; do not stack with magnetic sides facing each other.

Preparing Magnetic-Receptive Surfaces

- ◆ Before affixing magnetic sheet to a metal surface, be sure all surface paints, clear coats and waxes are cured (hardened). Approximate curing times: paint—90 days; clear coat—60 days; wax—2 days.
- ◆ Clean the metallic surface and the magnet with mild detergent.
- ◆ Wipe with a soft cloth or allow to dry.

Applying Flexible Magnet

- ◆ Before applying, test all inks and paints used on the magnet for adhesion and solvent compatibility.
- ◆ Affix to smooth, flat or gently curved metallic surfaces.
- ◆ Make sure the entire magnet is flat against the metal surface. Do not place over protrusions (molding, decals, pin striping, etc.) or concave areas. There must be NO air pockets.
- ◆ The magnet itself should be at a room temperature of 60°F (16°C) or above when installed to achieve best results.

Applying Flexible Magnet - continued

- ◆ Do not apply magnet that has been curled with the magnet side out. The magnet may not attach properly to the metallic surface resulting in lifted corners or air gaps which will weaken its holding strength. Follow instructions for Storing Flexible Magnet.
- ◆ If you place the magnet in the wrong position, completely remove the magnet from the surface and reaffix. Lift at sides and not at corners to remove. Do not pull the magnet across the surface, or it may stretch due to the resistance caused by the high magnetic strength.
- ◆ Do NOT use on horizontal metal surfaces exposed to direct sunlight (such as automobile hoods), temperatures exceeding 160°F (71°C) or temperatures below -15°F (-26°C).
- ◆ Exposure to cold weather will make the magnet more brittle so use caution when handling.
- ◆ Be aware that long-term use on surfaces frequently exposed to sunlight (such as vehicles) can result in uneven fading of the surface because the magnet-covered area is shielded from ultraviolet rays.
- ◆ Do NOT use on non-metallic body fillers, simulated wood grain siding and repainted surfaces.
- ◆ **NOTE:** Doors and panels on some vehicles are not made of steel. This product will not work on aluminum and plastic surfaces.
- ◆ We recommend rounded corners for magnetic vehicle signage.

Cleaning Flexible Magnet

- ◆ To guard against moisture and dirt buildup between the magnet and the metal surface (particularly on outdoor applications), remove the magnet at regular intervals.
- ◆ Clean both the magnet and metal surface with mild detergent; wipe with a soft cloth or allow to air-dry. (For vehicle-mounted signs, remove and clean DAILY.)
- ◆ After waxing and polishing, allow 2 days for wax to cure before applying magnets.



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