PRODUCT GUIDE

Magnum Magnetics®

The Force in Flexible Magnetics®

INKJET MEDIA

DigiMag® Vinyl

DigiMag Vinyl is perfect for wide-format solvent, eco-solvent, UV, and latex inkjet printers. Choose from matte and gloss vinyl laminate finishes suitable for outdoor use. DigiMag Vinyl flexible magnet comes in a variety of thicknesses.

DigiMaxx® Vinyl

DigiMaxx Vinyl is the ideal solution for your super-wide magnetic signage and graphics or for providing unbeatable yield on cut pieces. DigiMaxx Vinyl runs smoothly on UV flatbed and other wide-format printers that use solvent, eco-solvent, UV, or latex inks.

DigiMaxx® Latex

US Pat. #8,440,128 | Other patents pending

DigiMaxx Latex brings direct-to-magnet printing capabilities to printers using popular latex printing technology. Take advantage of a full suite of printable magnet configurations with latex-optimized media for applications ranging from POP/retail displays to beautiful photo enlargements and banners. Available in standard and high energy. Certified by HP, the printer profiles are on HP's Media Solutions Locator. Use the link from our webpage below.

DigiMag® Paper

DigiMag Paper brings direct-printable magnetic sheets for desktop and wide-format dye and pigment-based inkjet printers. DigiMag Paper is suited for indoor applications and works with aqueous inkjet printers. It is available in complete rolls or sheets custom cut to your requirements. You can select between a matte and gloss finish.

MuscleMag® Latex

US Pat. #8,440,128 | Other patents pending

Use your latex printer to create car sign magnets using Magnum's MuscleMag Latex printable magnetic material. MuscleMag Latex's polypropylene surface is engineered to withstand the higher heat of latex printing. Available in high energy only. Certified by HP, the printer profiles are on HP's Media Solutions Locator. Use the link from our webpage below.

HIGH Energy

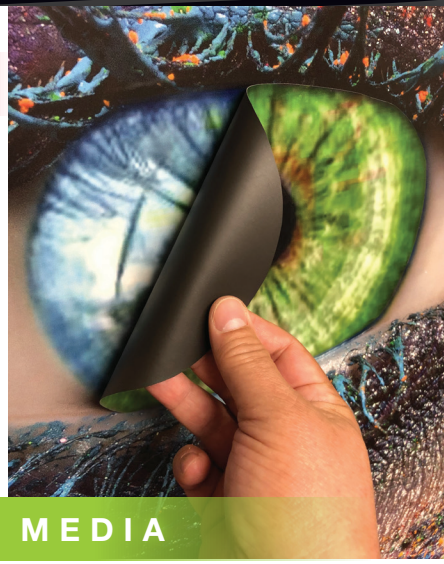
STANDARD Energy

PRINTER PROFILES: www.magnummagnetics.com/printer-profiles/default.aspx

OFFSET MEDIA

MessageMag® US Pat. #9,455,078 | CAN Pat. #2,898,703

MessageMag is a lightweight, high-performance, customizable, flexible magnetic sheeting. MessageMag is a pre-magnetized, paper-laminated, actual magnet designed to feed smoothly through your offset or flexo presses. The result is high-quality magnetic pieces with greater holding strength than similar magnetic paper products on the market. Available in rolls or sheets cut to customer requirements.



RECEPTIVE MEDIA

DigiMaxx® EnGage™

DigiMaxx EnGage, an easy-to-install printable magnetic receptive media durable and has excellent adhesion. EnGage media is engineered with an optimized surface for superior print quality and offers a neutral white point. EnGage provides an impressive array of benefits from large format printer compatibility and no edge chipping without sacrificing performance at an affordable price.

RubberSteel®

Magnum Magnetics offers our innovative RubberSteel magnetic receptive material that holds magnets like steel yet is safer to use, easier to apply, and more economical. RubberSteel is lightweight and ideal for multiple applications at school, home or office, POP retail, store displays and more! It will hold the magnetic sheet, magnetic strip, custom magnetic profiles, or hard magnets on either flat or curved surfaces.

PaperSteel®

PaperSteel is a screen printable magnetic receptive sheet with white paper on both sides, white paper on one side, and an adhesive on the other. Print directly onto PaperSteel or overlaminate it with your artwork, then die-cut it to your specifications. Create dynamic and interactive graphics for a variety of projects.

MAGNUM MAGNETICS

Magnetizers

US Pat. #8,174,346, #8,410,880, #8,410,881 | CAN Pat. #2,767,944, #2,832,276
AUS Pat. #2008229069, #200822906 | EU Pat. #2135265

Magnum Magnetics builds magnetizers to order in-house to magnetize our material post-print. We have magnetizing solutions for high-volume projects or portable handheld magnetizers for short-run sign jobs. Magnum Magnetics can also offer an in-line magnetizing solution designed and custom-built for your particular process.

DIGITAL MEDIA

DigiMag® Prime

DigiMag Prime is a specialty media with superior registration, smooth feeding, superb ink adhesion, and image quality. DigiMag Prime is available with a paper or polypropylene surface and can be cut, perforated or die-cut. Overall product thickness is 17 mil (.43mm). The material is unmagnetized—magnetize post-press using magnetizers available from Magnum Magnetics.
Replaces: Xerox® Ultra Mag

DigiMag® Plus

Increase your product offering by including printed magnets! DigiMag Plus has a 14 mil (.35mm) overall product thickness and is available with paper and polypropylene laminates in cut sheets and rolls. The material is unmagnetized—magnetize post-press using magnetizers available from Magnum Magnetics.

DigiMag Plus was tested by the Rochester Institute of Technology for 4000, 5000, and 7000 series HP Indigo and Kodak NexPress Digital Production Color press 2100 plus, 2500, and all S-class presses.

DigiMag® Xtra

DigiMag Xtra is available with a polypropylene surface, offering superior registration, smooth feeding, and superb ink adhesion and image quality. The material is unmagnetized—magnetize post-press using magnetizers available from Magnum Magnetics. DigiMag Xtra Poly has a 16 mil (.35mm) overall product thickness.

DigiMag® Duplex

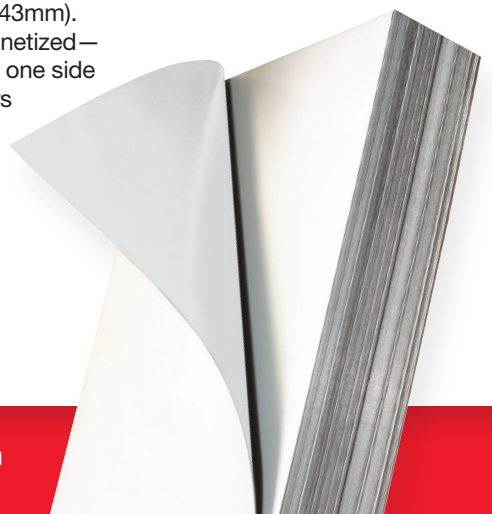
US Pat. #9,440,480 | CAN Pat. #2,875,769

Two-sided printable magnetic sheeting for digital presses that feeds smoothly and prints on both sides in a single pass. DigiMag Duplex features a high-quality printable matte white polypropylene surface on both sides, offering superb ink adhesion and image quality. Perfect for postcards and sports schedules, and can be sent through the U.S. Postal Service. DigiMag Duplex has a product thickness of 17 mils (.43mm). The material is unmagnetized—magnetize post-press one side only using magnetizers available from Magnum Magnetics.

MuscleMag® Digital

US Pat. #8,440,128 | Other patents pending

Use your digital press to create car sign magnets using Magnum's MuscleMag high-energy printable magnetic material. MuscleMag is specially formulated to be very thin to allow smooth feeding and easy cutting while having a more substantial holding power than a refrigerator magnet. The material is unmagnetized—magnetize post-print using high-energy magnetizers available from Magnum Magnetics.



800.258.0991 | sales@magnummagnetics.com | MagnumMagnetics.com

SETTING A WORLD CLASS EXAMPLE

Magnum Magnetics® is the largest manufacturer of flexible magnets in the United States, including printable magnetic sheeting and magnetic rolls, magnetic strip, and extruded magnets. For over three decades, we have manufactured flexible magnets for various applications and industries, including commercial printing, wide-format signage and graphics, engineering/OEM, retail craft and office products, and more.

At Magnum Magnetics, we proudly support our products with world-class innovation, continuous process improvements, and industry-leading customer service, setting the example for products you can trust.

Magnum Magnetics®

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SPECIALTY MAGNET

LabelMag® US Pat. #9,704,419 | CAN Pat. #2,409,407

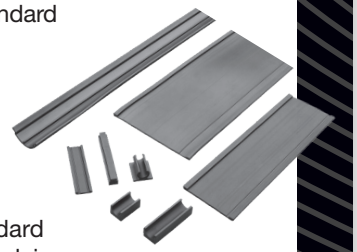
LabelMag is designed to efficiently affix magnets to postcards, calendars, promotional coupons, and other items using your automatic labeling machinery. LabelMag is easily adaptable and will run efficiently on most automatic labeling machinery. Contact us about your special requirements.

ThermalMag® US Pat. #10,037,717

ThermalMag thin magnetic labels are suitable for most thermal transfer and ribbon printers. ThermalMag is ideal for warehouse shelving identification and safety signage and is excellent for indoor and outdoor applications. Available in standard thicknesses and come in an array of colors and sizes.

MuscleMag® High-Energy Magnet US Pat. #8,440,128 | Other patents pending

MuscleMag high-energy magnet is specially formulated for easy cutting while having more substantial holding power than a standard energy refrigerator magnet.



Flexible Magnetic Extrusions

Magnum Magnetics can extrude flexible magnetic strips and profiles. Our extruded magnetic strip and magnetic tape will cut cleanly and efficiently and is available in standard or high energy. Strip is available plain or with surfaces including printable vinyl or adhesive. We offer standard profiles such as "C" channels in various widths for labeling, "T" profile for shower doors and similar applications, and clips and buttons.

Die-Cut Flexible Magnet

We can custom manufacture virtually any shape of die-cut magnets you specify. You provide the artwork and general shape, and we'll get a die drawn to your custom concept. If you need some starter ideas, we offer magnetic shapes in six popular profiles: business cards, houses, telephones, photo frames, number ones, and delivery vans. Non-top-coated vinyl color options and paper laminates are available.

Custom Back Printing

Increasing brand awareness and making your magnets customer specific are good reasons to consider back-printed magnets. Magnum Magnetics can back print plain magnetic sheeting for you to help advertise your message. We offer spot printing – choose black, white, red, or yellow ink or specify a PMS color.