Frequently Asked Questions About Flexible Magnets

Clean & Care of Flexible Magnetic Media

➡ Store in a clean, dry place.
➡ Store flat media on a level surface; do not stack with magnetic sides facing one another.
➡ Store rolled stock on end to prevent flat spots from forming; store with the printed/vinyl side facing out.
➡ To clean, wipe with a soft cloth and allow to air dry.
➡ For outdoor applications, remove and clean **regularly** to prevent dirt and moisture buildup. Long-term use on surfaces frequently exposed to sunlight can result in uneven fading.
➡ For vehicle-mounted signs, remove and clean **daily** for best results.
➡ Additional clean & care instructions available at **www.magnummagnetics.com/customer-resources**

Best Practices

➡ Ensure you are using media intended for your press and ink type.
For help selecting the right media for your press and application, please call us at 800.258.0991.
See reverse or visit **www.magnummagnetics.com** for additional compatibility information.
➡ Ensure all surface paints, clear coats, and waxes are fully cured (hardened) before applying magnets.
Allow two days for wax to cure before applying magnets.
➡ To achieve the best results, affix the magnet at room temperature of 60°F (16°C) or above.
Do not use on surfaces exposed to temperatures exceeding 160°F (71°C) or below -15°F (-26°C).
➡ Affix to smooth, flat, or gently curved metallic surfaces. Ensure the magnet lays flat against the metal surface.
➡ For vehicle signage, we recommend rounded corners. Do not place over protrusions (molding, decals, pinstriping, etc.) or concave areas, which create air pockets that will weaken the magnet's hold. Note that doors and panels on some vehicles are made of aluminum or plastic and will not hold a magnet.

Magnetization Troubleshooting

Some digital presses require unmagnetized media that is magnetized post-print using one of our patented magnetizers.

➡ Use the green screen included with your magnetizer to view the magnetic pole lines. Hold the viewing screen up to the magnetized side of the media. Appropriately magnetized media will show solid, continuous pole lines.
➡ Always disconnect power and follow proper lockout/tagout procedures before conducting any maintenance or services to your magnetizer.
➡ Inspect the magnetizer array for any broken, chipped, or loose magnet washers. No part of the array should spin freely or separate from the body of the magnet array.
➡ Ensure no debris is present on the magnet array. Remove dust and small ferrous particles by touching the array with the tacky side of adhesive tape. Remove accumulated dirt with a cotton swab or cloth saturated in denatured alcohol. Use a non-magnetic brass or plastic brush only to brush away other buildups.
➡ Please visit **www.magnummagnetics.com/magnetizers** for more information about post-print magnetization.

PRINTING TECHNOLOGY	COMPATIBLE PRODUCT(S)		RECOMMENDED SETTINGS
DIGITAL/LASER PRINTING			
Hewlett-Packard Indigo	**DigiMag® Plus** (poly/paper), **DigiMag® Xtra** (poly/paper), **MuscleMag® Digital** (poly), **DigiMag® Duplex** (poly)	**HP Certified Media**	GSM 350 (set at maximum), feed out of the top drawer, may require white back coating for sensor detection, use a heavy substrate kit
Xerox iGen	**DigiMag® Plus** (poly/paper), **DigiMag® Prime** (poly/paper), **MuscleMag® Digital** (poly)	**Certified Media**	300 g/m², C1S, Gloss Smooth, Tray 1 lower output to sample tray, Transfer a/b=105 with detack at -10, NVM changes 12509 and 6876
Xerox 800/1000	**DigiMag® Plus** (poly/paper), **DigiMag® Prime** (poly/paper), **MuscleMag® Digital** (poly)	**Certified Media**	350 GSM, High Gloss White, 2nd Bias Transfer Roll at 60, SEF 12 x 18 only
Xerox DCX700	**DigiMag® Plus** (poly/paper)	**Certified Media**	257-300 GSM, Tray5 Bypass, LEF, Coated, Transfer 90, Top tray output. 8 ½ x 11 only
Kodak NexPress	**DigiMag® Plus** (poly/paper), **DigiMag® Xtra** (poly), **MuscleMag® Digital** (poly), **DigiMag® Duplex** (poly)	**Certified Media**	Use "DigiMag Plus Paper" setting on menu
Canon ImagePRESS V900/V1000 Series	**DigiMag® Plus** (poly/paper), **DigiMag® Prime** (poly/paper), **DigiMag® Xtra** (poly), **MuscleMag® Digital** (poly), **DigiMag® Duplex** (poly)		GSM set to MAXIMUM / Air settings, set to HIGH
Xanté En/Press En/Vite	**DigiMag® Plus** (poly/paper), **DigiMag® Prime** (poly/paper), **DigiMag® Xtra** (poly), **MuscleMag® Digital** (poly), **DigiMag® Duplex** (poly)		GSM set to MAXIMUM / Air settings, set to HIGH
OKI	**DigiMag® Plus** (poly/paper)		GSM set to MAXIMUM / Air settings, set to HIGH
Ricoh	**DigiMag® Plus** (poly/paper)		GSM set to MAXIMUM / Air settings, set to HIGH
Konica Minolta	**DigiMag® Plus** (poly/paper), **DigiMag® Xtra** (poly), **MuscleMag® Digital** (poly), **DigiMag® Duplex** (poly)		GSM set to MAXIMUM / Air settings, set to HIGH
INKJET PRINTING			
Water-Based	**DigiMag® Paper** (matte/gloss)		Mask off metal platens, shells, etc.
Solvent/Eco-Solvent	**DigiMag® Vinyl** (matte/gloss), **DigiMaxx® Vinyl** (matte/gloss), **DigiMaxx® EnGage™** Receptive, **RubberSteel®** Receptive		Mask off metal platens, shells, etc. Check www.magnummagnetics.com for printer profiles
Latex	**DigiMag® Vinyl** (matte/gloss), **DigiMaxx® Vinyl** (matte/gloss), **DigiMaxx® EnGage™** Receptive, **RubberSteel®** Receptive, **DigiMaxx® Latex**, **MuscleMag® Latex**		May have to decrease drying temperature Check www.magnummagnetics.com for printer profiles
UV	**DigiMag® Paper** (matte/gloss), **DigiMag® Vinyl** (matte/gloss), **DigiMaxx® Vinyl** (matte/gloss), **DigiMaxx® EnGage™** Receptive, **RubberSteel®** Receptive, **DigiMaxx® Latex**, **MuscleMag® Latex**		Mask off metal platens, shells, etc.
SCREEN PRINTING			
Solvent	**DigiMag® Vinyl** (matte/gloss), **DigiMaxx® Vinyl** (matte/gloss), **DigiMaxx® EnGage™** Receptive, **RubberSteel®** Receptive		Test print / Check ink adhesion
UV	**DigiMag® Paper** (matte/gloss), **DigiMag® Vinyl** (matte/gloss), **DigiMaxx® Vinyl** (matte/gloss), **DigiMaxx® EnGage™** Receptive, **RubberSteel®** Receptive, **DigiMaxx® Latex**, **MuscleMag® Latex**, **MessageMag®** (paper), **MuscleMag® Digital** (poly), **DigiMag® Prime** (poly/paper), **DigiMag® Plus** (poly/paper), **DigiMag® Xtra** (poly), **DigiMag® Duplex** (poly)		Test print / Check ink adhesion
OFFSET PRINTING			
Sheet-Fed	**DigiMag® Paper** (matte/gloss), **MessageMag®** (paper), **DigiMag® Prime** (paper), **DigiMag® Plus** (paper)		Make ready press as though running paper. Turn impression OFF and feed sheets through press in non-printing mode. Ensure sheets are registering. Set delivery section, the reload sheets into feed and make ready as normal.
Sheet-Fed UV	**DigiMag® Paper** (matte/gloss), **DigiMag® Vinyl** (matte/gloss), **DigiMaxx® Vinyl** (matte/gloss), **DigiMaxx® EnGage™** Receptive, **RubberSteel®** Receptive, **MessageMag®** (paper), **MuscleMag® Digital** (poly), **DigiMag® Prime** (poly/paper), **DigiMag® Plus** (poly/paper), **DigiMag® Xtra** (poly), **DigiMag® Duplex** (poly)		Make ready press as though running paper. Turn impression OFF and feed sheets through press in non-printing mode. Ensure sheets are registering. Set delivery section, the reload sheets into feed and make ready as normal.

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