

# It's Easy To Print Magnets™

## Expand Your Printing Capabilities. Print Directly to Magnet!

Magnum Magnetics' Printable Magnetic Media is a specialty flexible magnetic media available in magnetized and unmagnetized options.

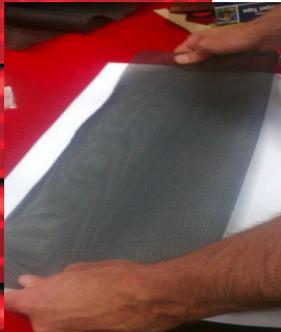
With certain printers, magnetized flexible magnetic media will stick to the metal entry of the printer unit. To assure magnetic material feeds smoothly over metal parts, it is necessary to create an air gap.



**STEP 1:** Cut a piece of the magnetized magnetic media to fit the shape of the metal parts on your printer.

**STEP 2:** Apply double-sided tape (we used heavy-duty carpet tape) to the non-magnetized side of your shaped magnet.

**STEP 3:** Remove the backing to expose the adhesive.



**STEP 4:** Lay a thick piece of material over the tape. Ensure the layer is thick enough to interfere with any magnetic pull. If the printable magnetic media still sticks, repeat this step until the material feeds smoothly.

**STEP 5:** Smooth the surface to ensure printable magnetic media will feed smoothly through the printer.



**STEP 6:** Carefully lay the mask over the printer's metal parts.

**STEP 7:** Ensure the mask covers all metal parts on the printer, and is laying flat. Printable magnetic media should now feed smoothly over the metal parts.

**STEP 8:** Open pinch rolls and insert magnetic media. Feed the media back and forth by hand to see if there is any drag that would impede its feeding. If drag occurs, an additional thickness will need to be added. You will need approximately .025" laminated thickness for an appropriate air gap.

For a more permanent solution, laminate polystyrene, chipboard, or vinyl to magnet. This can be applied and removed to your equipment when necessary.

If you do not want to use magnet, simply cut a piece of chipboard or vinyl to size, and tape into place.

### Run Instructions

- If printing on magnetized media, ensure all metal parts on your printing equipment are masked off
- Media should be acclimated at printer environment for at least 24 hours prior to running
- Sheets should be loaded into the bypass tray
- Fan out media on the tray before printing to help printer feed one sheet at a time
- Do not invert sheets
- Load sheets in small increments – up to 10 sheets at a time
- Load media white side up. Print on white side of the sheet .
- This media is adversely reactive to dry environments (<30% Rh)
- Static build-up may occur during long runs and may interfere with running and/or stacking of media
- Skew up to 10mm may be seen
- After printing, trim or die-cut the product before magnetization
- Sheets should not be guillotine trimmed prior to imaging

### Care and Handling Instructions

- Media should be acclimated at the printer environment for at least 24 hours prior to running
- Handle the media by the edges to avoid scratching, scuffing, or marks
- Print room conditions of 72 °F and 45% relative humidity are recommended
- Product should be returned to original package between uses or shrink-wrapped after processing
- Use care when lifting product. Magnetic substrate is heavier than paper.
- Magnum Magnetics recommends immediate packaging of finished product to ensure magnet remains flat

### Preparing Magnetic-Receptive Surfaces

- Before affixing magnetic sheet to a metal surface, be sure all surface paints, clear coats, and waxes are cured
- Clean the metallic surface and the magnet with mild detergent.
- Wipe with a soft cloth or allow to dry

