

Flexible Magnets



**ROCHESTER
MAGNET**

Flexible Solutions. Positive Results.

Rochester Magnet is the preferred supplier of flexible magnet sheet and strip to a wide range of industries. From POP to warehouse labels Rochester Magnet provides custom size magnets to meet your requirements.

We convert American made magnet with a wide selection of top coats and adhesives. Indoor and outdoor adhesives, vinyl laminates in an array of colors, printable surfaces from paper and polypropylene to plain and high energy products are all available.

Sheet magnet with standard widths of 24.375" and lengths of 50' can be converted or customized for your unique application. Readily available in sheet sizes of 8.5" x 11", 12" x 18" and 20" X 24" Rochester Magnet will cut magnetic sheets to your specifications.

Our Strip Magnet is converted from 3" widths. Adhesives are applied to the magnet depending on their end use, from chipboard to acrylic panels Rochester Magnet has the adhesive to meet your requirement. Strip magnet is slit to width and supplied in continuous roll lengths of 100' or 200'. Magnets are cut to length, scored or kiss cut on the roll for ease of application. Scoring can be thru the magnet and adhesive, partial score thru the magnet or die cut to unique shapes and sizes.

A range of magnet thicknesses and energy levels are always available in both sheet and strip. We are ready to help with your next magnet project.



Pole Configurations

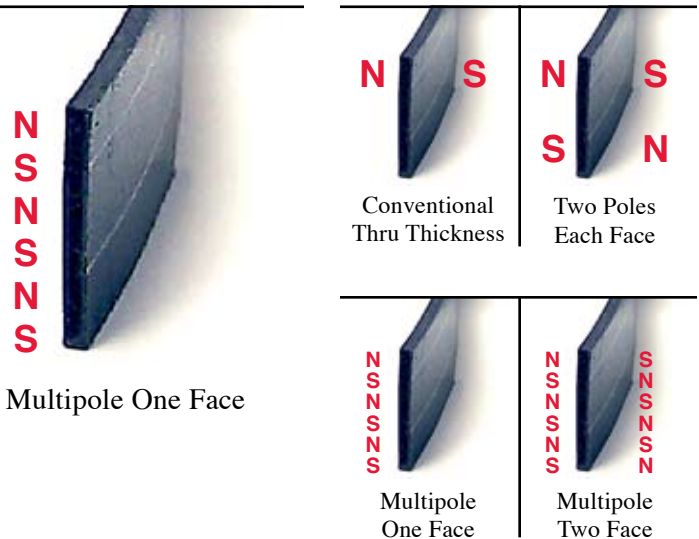
MultiPole Single Faced

Standard Flexible Magnets are MultiPole Single Faced Magnetized. This configuration is applicable to most applications.

Matched Pole Strip

When exact alignment of magnet to magnet attraction is required specify Matched Pole Strip. This custom magnetization has a Roll A and a Roll B for perfect alignment every time.

Other options are available for arranging the poles on a flexible magnet. If your project calls for specific magnetization. Rochester Magnet can help.



Availability

Ready to ship standard stock sizes and lengths available for Quick Ship. Check out our website for Quick Ship products.

As always, custom sizes, adhesive laminate and cutting options are easily available by request. Please contact a Rochester Magnet representative to help make the best choice for your project.

Flexible Solutions. Positive Results.



ROCHESTER MAGNET

Flexible Solutions. Positive Results.

Step 1: Material Options

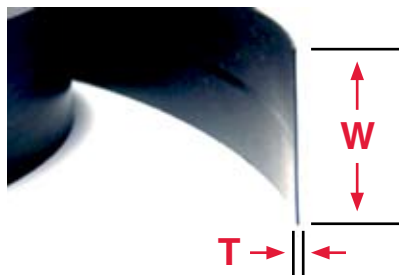
Thickness & Width

These basic parameters define the magnet fundamentals and direct us toward the raw material required.

A range of thicknesses from 0.020(in) to 0.120(in) are available for Flexible Strip Magnets.

Pull Force & Weight

Thickness (in)	Magnetic Pull Standard Energy*
.020	6.2
.030	8.5
.045	9.1
.060	11.8
.085	14.2
.120	16.3



* Minimum pounds of pull per lineal foot of 1" wide strip at zero air gap.

Need more strength? Have a high temperature application or require chemical / solvent resistance? – A High Energy or Nitrile Butile Bonded Magnet may be right for your project. Let us help you choose what's right for your application.

Step 2: Adhesives and Laminates

Your application determines whether you need a pressure sensitive adhesive or other material laminated to the magnet.

The options are:

Plain - no coating / no laminate

Adhesive - PSA: Rubber, Acrylic or Foam

Laminate - Write On / Wipe Off, UV Matte White or Vinyl.

There are six (6) standard colors available for immediate delivery; White, Black, Red, Blue, Green and Yellow. Custom color laminates are available, please call Rochester Magnet. Combinations of magnet and laminates can be provided for your specific application.

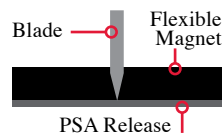


Step 3: Cut and Score

Strips can be cut or scored to suit specific applications. Cut strip is neatly boxed for individual piece use and storage. Scored material leaves the magnet intact on the adhesive and release liner. One advantage to scored materials is that it is still in roll form and therefore easier to handle and store. Simply remove pieces as needed without having to meticulously remove the liner.

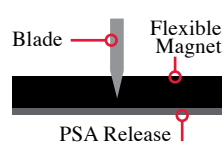
Cut Through

The blade cuts clean through the magnet and the release/lamination to create individual pieces.



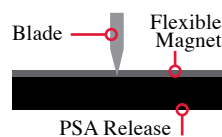
Clean Score

Through magnet and adhesive, yet not through the adhesive release liner.



Partial Score

Incomplete cut through magnet and are separated into individual pieces by bending them at the score line.



Through Laminate

Allows separation of the release liner from the adhesive/magnet.

Custom

In addition, to the straight cut options identified above, we can custom die-cut in standard design or your specific shape.



» Give us a call to see how our Flexible Solutions can produce Positive Results for you and your business.

