

ZIP CRIP™

Flexible Magnetic Sheet
and Strip



What is **ZIP GRIP** ???



ZIP-GRIP™

is the trade name used exclusively by The Magnet Source™ to describe our quality flexible magnetic sheeting and strip products. We call it “ZIP” for our speedy delivery and “GRIP” for its magnetic strength. Made in the USA by quality manufacturers and stocked, processed and distributed world-wide from our Ohio processing facility; this material is engineered for maximum versatility and reliability.

What is Behind the ZIP-GRIP™ Name?

- Massive stock
- Speedy delivery
- Competitive pricing
- Precision processing by skilled operators
- Ability to slit, cut, score cut, and die cut
- Knowledgeable, friendly customer service people
- Years of experience in the magnet industry
- Low minimum order requirements
- And a desire to be...
...your best source in the magnetic field!

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Attributes of ZIP-GRIP™ Flexible Magnets

The USA produces the largest volume and the highest quality flexible magnet material in the world. Compare attributes when comparing prices.

Powerful - ZIP-GRIP™ is supersaturated with magnetism in a multiple pole magnetization pattern, so its magnetic strength is evenly distributed across the surface. The thicker the material, the greater the strength. Permanent magnetism is guaranteed as long as the material is not subjected to a demagnetizing force.

Durable - ZIP-GRIP™ is easy to maintain and safe for finished surfaces. It contains no oils or plasticizers that can cause cracking, drying out or surface migration.

Safe - The material is lead-free and barium-free, making it a non-toxic substrate that is safe to work with.

Machinable - ZIP-GRIP™ is easily drilled or cut with scissors, knife, die or punch to fit your application.

Temperature Range - ZIP-GRIP™ is designed to withstand continuous exposure to temperatures from -40°F to 160°F without demagnetizing.

How are Flexible Magnets Made?

A dry mixture of ferrite powder and rubber polymer resin is mixed, calendered and ground; then formed either by extrusion (*for magnetic strip*) or rollers (*for magnetic sheeting*). The material is then magnetized, laminated with vinyl or adhesive, cut to size, rolled onto a core, and boxed for shipment.

When is Flexible a Good Choice?

Flexible magnets are the least expensive by volume and most pliable permanent magnet material when compared to ceramic (*ferrite*), alnico or rare earth magnets. They perform well in a wide variety of simple applications for home, school, shop and office. They are lightweight, flat, easy to print on and easy to cut with scissors, knife or die. Also, they are ideal for advertising specialties and lightweight holding applications.

For information about all of our magnet products visit our website at www.magnetsource.com.

Typical Magnetic Properties

Residual Induction	Coercive Force	Intrinsic Coercive Force	Max Energy Product
(G)	(Oe)	(Oe)	BHMax(MGOe)
1650	1350	2375	0.60

ZIP GRIP Magnetic Sheeting

High-speed cutting and slitting equipment, run by trained professionals, means impeccable precision and speedy delivery of your custom orders.



Dimensions

- Standard Width: 24.375" (+/- .060")
- Standard Lengths: 10, 25, and 50 ft. rolls
- Standard Thicknesses: .015" to .060" (+/- .003")
- .015" and .020" – Ideal for advertising specialties; lowest cost and weight.
- .030" – Recommended for vehicle signage; strong enough for wind shear at highway vehicle speeds.
- Pre-cut sign blanks available from stock (12" x 24.375" or 18" x 24.375").
- .045" and .060" – Customer preference for applications requiring higher strength and thicker profile.
- Thinner sheeting available for custom applications. Please call for more information.

Precision slitting equipment



Laminations - A variety of high quality laminations are available that are typically applied to the non-magnetic (*weak*) side of the sheeting.

Vinyl Features

- High-quality top coat allows superior adhesion of most screen print inks and lettering enamels.
- Will not crack when material is flexed.
- Excellent weather resistance to rain, snow, and summer heat.

Vinyl Choices - gloss white, high gloss white and UV ink gloss white, red, orange, yellow, green, blue, black, white, brown, tan, gold, brushed gold, purple, chrome, silver, brushed silver, holographic celebration and holographic prism.

Uncoated/Plain - no vinyl, no adhesive
(dark brown on both sides)

Adhesive Choices

- Rubber-Based Craft Adhesive
(indoor and craft applications)
- Rubber-Based High-Tack Adhesive (*premium*)
- Acrylic-Based Adhesive (*for outdoor applications or adhering to plastics or soft vinyls*)

Custom Laminations Available

- Write-on/Wipe-off (*white*)
- Vinyl on magnetic side with adhesive on reverse.
- High Gloss White Paper; less expensive than vinyls, accepts larger variety of inks, can write on with ink pens, easier to get crisp die cut, for indoor applications only.

Please call 1.888.293.3534

for all your custom lamination needs.



Custom Cutting Capabilities - Our precision equipment will cut any roll of flexible sheeting material to the size your application requires. This is achieved using a combination of state-of-the-art computerized slitting and cut-off equipment. Please consult your sales specialist for quotes and to have cut piece yield estimates calculated.

Cutting - High speed cutting equipment cuts full rolls to sizes as small as 2" x 2" with a tolerance of +/- .060" on either dimension. Tolerances will vary depending on length of cut.

Slitting - Slitting wheels slit a full roll into several rolls of various widths as narrow as 2", with a precision of +/- .060".

Die Cutting - Custom and standard shapes available (see page 6).

Strength - The thicker the flexible material, the stronger the magnetic strength. Under ideal test conditions, magnetic sheeting can be rated in approximate pounds of pull per square foot. Peel strength is not rated.

Thickness	Approximate Pull Per Sq. Ft.
.015"	40 pounds
.020"	60 pounds
.030"	85 pounds

Magnetic Sheet Applications and Finishing Ideas

Applications:	Finishing Ideas:
• Advertising Specialties	• Signage
• Vehicle Signage	• Automobile Paint Masking
• Shelf and Bin Marking	• Nameplates
• Craft and Hobby	• Novelties
• Photo Mounting	• Premiums
• P.O.P. Displays	• Menu Boards
• Display Boards	• Sales Promotions
	• Toys
	• Visual Aids
	• Graphics
	• Die Cut
	• Pad Print
	• Thermograph
	• Hand Letter
	• Screen Print
	• Stencil
	• Adhere Vinyl Lettering and Graphics

Care and Maintenance of Vehicle Signs

- The vehicle surface and magnet side of the sign should be cleaned, dried and waxed.
- Designated sign area should have no molding or air gaps.
- Both the sign surface and the vehicle should be cleaned weekly for best results.
- Remove magnetic sign when cleaning vehicle.
- Use mild detergent and warm water to clean magnetic signs.

For more information about care and maintenance of magnetic vehicle signs visit our website at www.magnetsource.com.

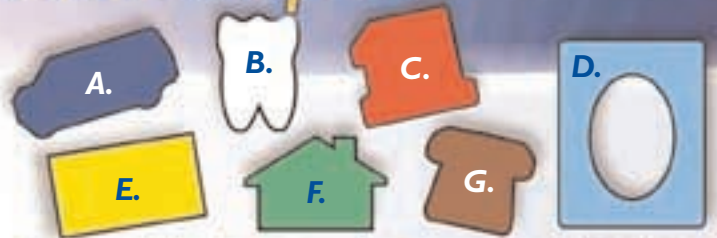
You print the signs, we supply the magnet to be printed or painted.



17 brilliant colors to choose from.



Die-cut Flexible Magnetic Shapes



Die-cut Shapes can be screen printed to leave a lasting impression. Contact your printer for technical information about printing on vinyl sided magnetic material.

Die-Cut Flexible Magnetic Shapes - Producing advertising specialties and premiums using flexible magnets is now easier than ever with die-cut magnetic shapes. The Magnet Source™ offers ZIP-GRIP™ flexible magnetic sheeting in seven die-cut shapes. Whether you pad or screen print, these popular shapes are cost effective and readily available to launch you competitively into the ad specialty market. No purchase of dies or jigs is necessary. Gloss white die-cut shapes are stocked in sheet form for printing multiples at the same time. See price list for piece yield per sheet for each shape listed. For colors and laminates available see page 4. Custom die-cutting available, please call for minimum quantities. Call your sales specialist for more information.

Popular Shapes and Potential Markets

- A. Van** - Delivery services, flowers, food, construction, car pools.
- B. Tooth** - Dentist appointment reminders or mass mailers for orthodontists or veterinarians.
- C. Number 1** - Awards, school boosters, any business that wants to promote its status in the market.
- D. Photo Frame** - Promos for portrait studios to offer in package deals, newborn announcements, craft projects (includes middle section).
- E. Business Card** - Any business.
- F. House** - Real Estate, home inspectors, building contractors, home care, home repair.
- G. Telephone** - Help lines, food service, emergency numbers, date lines, school districts.

Magnetize Your Business Cards - Get an edge on the competition by magnetizing your paper or plastic business cards. It's a fact that magnetic business cards get used. Business contacts will display your magnetized cards on nearby metal desks, filing cabinets, appliances and more, keeping your card in full view! To assemble, simply peel back the magnet's adhesive liner and apply your business card. Magnetic cards measure 2" x 3.5" (+/- .060" on both dimensions) to fit standard business cards. Stock is on hand and ready for immediate shipment. Available in .020" or .030" thicknesses.



Peel back liner



Apply business card to magnet

Magnetically Receptive Material

FlexIRON™

The unique, versatile, flexible, ferrous material that attracts magnets.

It looks like flexible magnetic sheeting, yet **it is not a magnet. It is a magnetically receptive material** that attracts all types of low profile magnets, including flexible and ceramic magnets. Either surface (*front or back*) attracts magnets. And it is easy to drill or cut with scissors, knife, die, or punch. Just imagine the possibilities!

Dimensions - FlexIRON™ is .025" thick x 24.375" wide and is available in rolls of 10, 25, or 50 foot lengths.

Custom Sizes - We can cut full rolls to custom dimensions with the same precision equipment used to process magnetic sheeting.

Available From Stock in Four Styles

1. Gloss white vinyl surface on one side; plain/uncoated on the reverse side.

- Screen print white surface with game boards, maps, schedules, templates, etc.
- Die cut to any shape.
- Roll it up and put it in a tube for portability and storage.

2. Gloss white vinyl surface on one side; rubber-based craft adhesive on the reverse side.

- Screen print white surface.
- Die cut to size.
- Adhere to rigid surface.

3. Rubber based craft adhesive on one side, plain/uncoated on the reverse side.

- Laminate your own surface to the plain side.
- Adhere to rigid surface.

4. Black vinyl on one side; rubber based craft adhesive on the reverse side.

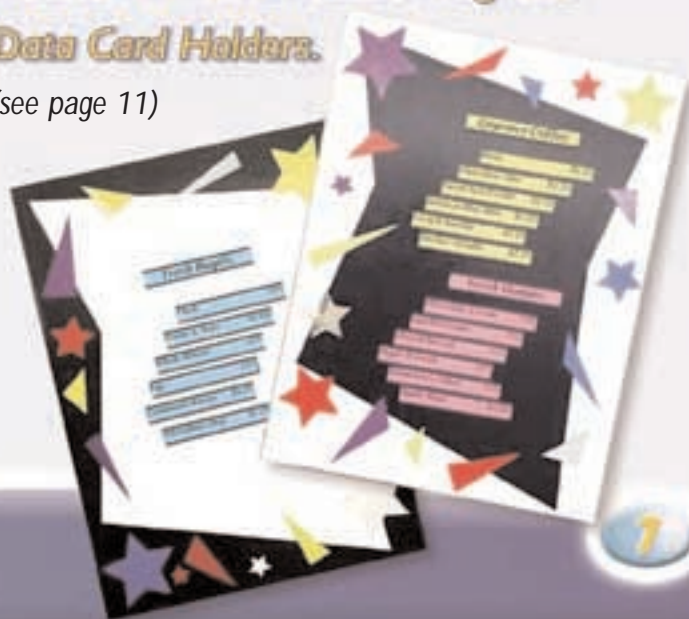
- Screen print black surface.
- Die cut to size.
- Adhere to rigid surface.

Applications

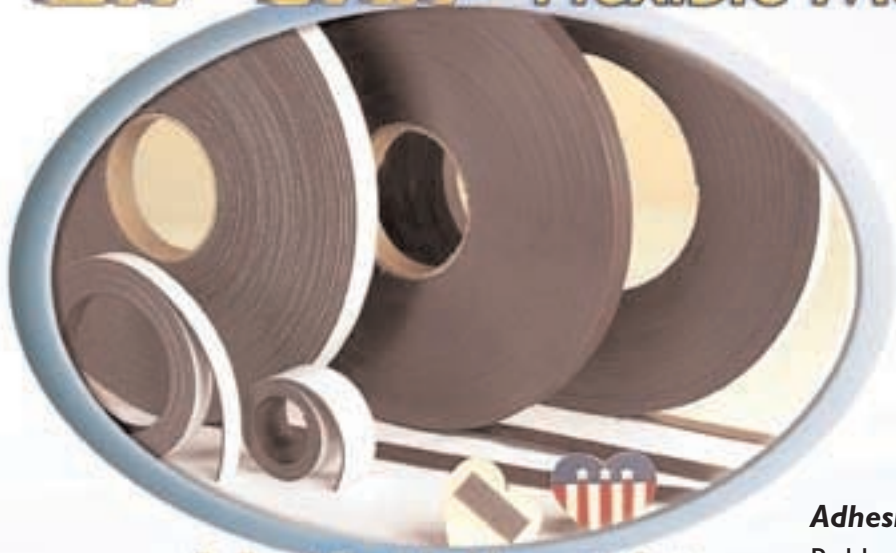
- Hotel/Restaurant menu boards/signs
- POP display signage
- Educational games/toys
- Warehouse shelf labeling if you don't have metal shelves already
- Sign-in/Sign-out boards for the office
- Anywhere a metal substitute is needed to attract a magnet

Create a magnetic menu board using FlexIRON™ and Flexible Magnetic Data Card Holders.

(see page 11)



ZIP GRIP Flexible Magnetic Strip



Rolls of Flexible Magnetic Strip

Vinyl Choices

- Red, orange, yellow, green, blue, black, white, brown, tan, gold, brushed gold, purple, chrome, silver, brushed silver, holographic celebration and holographic prism.
- White on magnetic (*strong*) side, adhesive on the other.

Adhesive Choices (all provided with peel-off liner)

- Rubber-Based Craft Adhesive (*indoor and craft applications*).
- Rubber-Based High Tack Adhesive (*indoor/outdoor applications*).
- Rubber-Based Foam Adhesive (*adheres to uneven or porous surfaces*).
- Acrylic-Based Adhesive (*indoor/outdoor for adhering to plastics or soft vinyls*).
- Acrylic-Based Foam Adhesive (*adheres to textured, porous, and plastic or vinyl surfaces*).

Strength - The most popular thickness of magnetic strip is .060" because it provides a substantial amount of strength for most strip applications. Under ideal test conditions, magnetic strip can be rated in approximate pounds of pull per foot. Peel strength is not rated.

.060" Thick Magnetic Strip Strength

Width	Approximate Pull Per Sq. Ft.
0.25"	3 pounds
0.375"	4.5 pounds
0.50"	6 pounds
0.75"	9 pounds
1.00"	12 pounds
1.50"	18 pounds
2.00"	24 pounds
3.00"	36 pounds

Applications

- POP displays
- Signs
- Crafts
- Trade Show Displays
- The possibilities are endless
- Prototyping
- Shelf and Bin Labeling
- Manufactured Products
- Kits

Dimensions

Standard Widths: .25", .375", .5", .75", 1", 1.5", 2", 3" (+/- .020" < 2" widths > +/- .030")

Standard Thicknesses: .030", .060", .125"

Standard Roll Length: 200 ft., 100 ft., 50 ft.

Also available in .045" or .085" thickness

Note: Tighter tolerances can be achieved in some instances at customer request.

Laminations - A variety of high quality laminations in the form of vinyls and pressure sensitive adhesives are available that are typically applied to the non-magnetic (*weak*) side of the strip. Strip is also available with no laminate (*uncoated*).

Vinyl Features

- Will not crack when material is flexed.
- Excellent weather resistance to rain, snow, and summer heat.

Call 1.888.293.3534 today!

For more information
about Flexible
Magnetic Strip
visit our website at
www.magnetsource.com.



Precision score-cutting

Custom Processing Capabilities -

Our state-of-the-art precision equipment can cut, score, or score-cut any roll of flexible strip material to the length that your application requires. Please consult your sales specialist to have cut piece yield estimates calculated.

Cutting - High-speed, computer calibrated cutting equipment cuts full rolls to lengths as small as .1875" with a tolerance of +/- .060". Tolerances will vary depending on length of cut.

Scoring - Specialized scoring machines make a precise cut through the adhesive liner and into the magnet at even intervals along the entire length of a roll with a tolerance of +/- .060". Pieces can then be snapped off the roll at the desired length. Tighter tolerances are attainable on shorter cuts.

Score-Cutting - Sophisticated score-cutting equipment makes a calculated cut through the magnet side, up to the paper liner at even intervals along the entire length of a roll with a tolerance of +/- .060". This makes it easy to peel the magnets off the liner for quick assembly line jobs. Tighter tolerances are attainable on shorter cuts.

Packaging - The Magnet Source™ even offers flexibility in packaging. Our strip is typically shipped in a plain brown box, however, we have the technology to offer a higher level of service. Have your product private labeled in a shrink wrap pack, a header bag, a counter display box, or on a blister card, just to name a few options.



Precision scoring



Precision cutting



NEW Flexible Magnetic Strip



A practical solution for displaying large signs, graphics, photos or text.

EDGE magnet™ is an innovative way to display large, tiled graphics and signs in trade show booths and point-of-purchase displays.

- Applied to the back side edges of graphic or displays
- Perfectly align panels for large scale presentations
- Seamless presentation
- Easy shipping
- Available in 100 feet long x .5" wide rolls
- Order rolls either plain or with acrylic adhesive
- To match poles order a set of two rolls
(**EDGE magnet™ "1"** and **EDGE magnet™ "2"**)

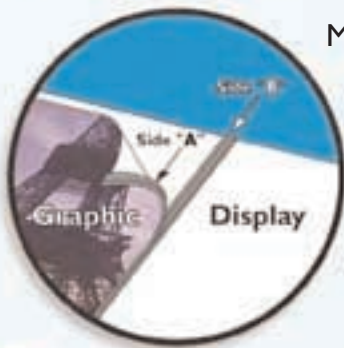
LabelMagnet™



Flexible Magnetic Strip designed to work with your labeling machine.

LabelMagnet™ - Made to your specifications. Call your sales specialist to discuss length, width, gap distance between pieces, max roll diameter, weight limitations and core size. Common sizes are 4.5" x 1" or 4.75" x 1" in thicknesses of .012" up to .030". Use this thin lightweight strip of flexible magnetic material with PSA to stick to the back of your design and make your next direct marketing piece stick around.

MAGNET TO MAGNET



Magnet-to-Magnet comes in 1" or .5" wide x .060" thick strip with Side A (*smooth*) and Side B (*grooved middle*) that match up with even pole spacing for magnet-

to-magnet applications. For example, trade show displays and storm windows. Comes with acrylic adhesive on the back.

Magnet to Magnet Part #'s and Descriptions

Dimensions: .060" x .5" x 100' w/acrylic adhesive
ZG10A/SA..... smooth on magnetic side
ZG10A/SB..... groove on magnetic side
Dimensions: .060" x 1" x 100' w/acrylic adhesive
ZG40A/SA..... smooth on magnetic side
ZG40A/SB..... groove on magnetic side

Note: Not interchangeable with existing systems.

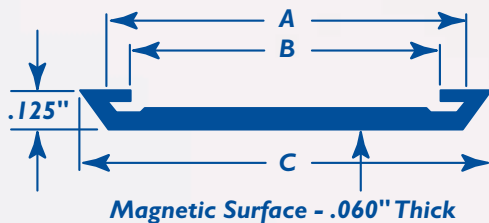
Call 1.888.293.3534 today!

Magnetic Inventory Labels



Place Flexible Magnetic Data Card Holders on metal storage shelves or racks.

Use magnetic inventory labels to keep track of inventory/stock. These handy, repositionable magnets are perfect for use in warehouses, retail stores, medical and postal facilities, libraries, and stockrooms equipped with metal shelving units or sorting bins. Call one of our sales specialists for quotes and available colors. Choose from three types of magnetic inventory labels (listed on this page). Available in rolls or prescored/precut to label length.

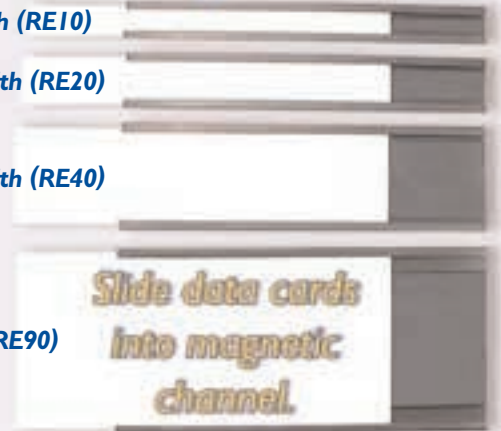


.375" card width (RE10)

.8125" card width (RE20)

1.625" card width (RE40)

3" card width (RE90)



1. Flexible Magnetic Data Card Holders - These pre-formed magnetic channels are designed to hold pre-printed or handwritten data cards that can be paper thin up to .03125" thick and .375", .8125", 1.625" or 3" wide. Data cards are available at office supply stores. Use 3" x 5" index cards on RE90 material.

Data Card Holder Dimensions Chart (in inches)

Part #	Channel Width (A)	View Area (B)	Overall Width (C)	Card Width
RE10	0.400	0.325	0.480	0.380
RE20	0.830	0.665	0.965	0.800
RE40	1.700	1.50	1.850	1.680
RE90	3.000	2.735	3.150	2.900

Other sizes available.

2. Flexible Magnetic Strip with Vinyl Coating - Vinyl coating on one side, magnetic on the other. Write the data on the vinyl coating.

3. Plain Flexible Magnetic Strip - Magnetic on one side. Affix either a computer-generated or handwritten adhesive backed label with product information to the non-magnetic (grooved) side.



Inkjet Printable Magnetic Sheet



A quick, low-cost solution for your display and signage needs!

PrintMagnet™, inkjet printable magnetic sheeting, enables you to quickly print your own magnets on a variety of inkjet printers and plotters. Ideal for creating graphics for P.O.P. displays, posters, bulletin boards, temporary signage, business cards and more. **PrintMagnet™** will attract to ferrous metal surfaces. If a metal surface is needed, use **FlexIRON™** magnetically receptive material (see page 7) for magnetic signage solutions.

PrintMagnet™ Features

- A high quality, matte white finish, or gloss white finish, on the printable side.
- Pre-cut 8.5" x 11" sheets or 24.375" wide rolls that can be cut to the size you need.
- Also available in 8.5" x 11" sheets that are perforated to yield 10 business cards (2" x 3.5").

Your Message Here



Visit our website at www.magnetsource.com for information on the printer models which have been proven to work best with **PrintMagnet™**.



We have over 15 million magnets in stock. With state-of-the-art processing equipment, our processing center in Ohio can cut, score, score-cut, die-cut, package, and ship your flexible magnet orders quickly and accurately. Whether it's flexible, ceramic, alnico, rare earth magnets, or magnet assemblies, call us today for all of your permanent magnet needs.

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