

Attributes of ZIP-GRIP™

Attributes of ZIP-GRIP™ Flexible Magnets

The USA produces the largest volume of flexible magnet with the highest quality 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 (permanent attachment).

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

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 ranging from -15°F to 160°F without demagnetizing.

NOTE: All flexible magnet thicknesses are taken before laminates are applied. If your application requires a specific overall thickness, let our team know.

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 the most pliable permanent magnet material when compared to ceramic (ferrite), alnico or rare earth magnets. They perform well in a wide variety of applications for home, school, shop and office. They are lightweight, flat, easy to print on and easy to cut with scissors, knife or die. They are ideal for advertising specialties, point of purchase signage and lightweight holding applications, to name a few.

Typical Flexible Magnetic Properties

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

For information about all of our magnet products visit our website at

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