

Polymagnet®

A revolution in magnet solutions.

WHAT IS A POLYMAGNET®?

Polymagnets® are multi-pole encoded magnets that contain small magnetic elements called maxels.

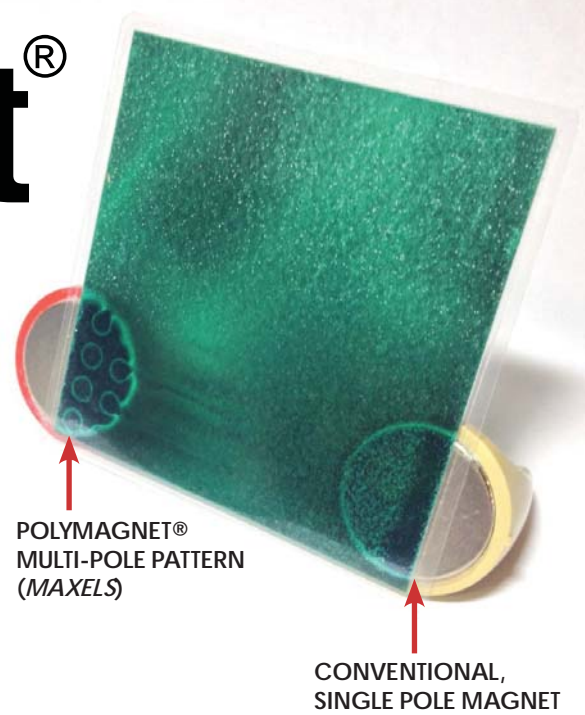
Maxels are encoded on the surface of conventional magnet materials with our Mag-Printer®.

Maxel patterns can produce superior attachment forces, precision alignment behaviors, improved shear capabilities, engineered torque characteristics and provide safer magnets for many applications.

Polymagnet technology uses both the attract forces & repel forces of the patterned maxels, which allows for precise control of the cancellation and interaction of these forces in space.

WHAT WE CAN DO FOR YOU:

Our comprehensive fabrication capabilities paired with our years of magnetic circuit design make us a strong partner for your Polymagnet needs. We offer both standard ready-to-sell/install Polymagnets and custom-engineered Polymagnet solutions that range from raw Polymagnet materials for product integration to Turn-key Polymagnet assemblies.



CONTROLLED MAGNETIC BEHAVIORS!

PUSH-LATCH



TWIST-LATCH

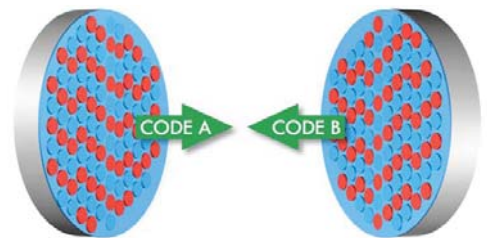


ROTATIONAL



MORE MAXELS =

- Greater precision
- More magnetic force control
- Safer magnets



LEARN MORE:

Scan the QR Code below or visit http://www.magnetics.com/group_polymagnet.asp to find more information, pictures and "must see" videos that demonstrate the advantages Polymagnets have over conventional magnets.



Making Things Better®
Industrial Magnetics, Inc.

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