

# MAGNETIC SHIELDING



## CIRCUIT BREAKER SHIELD

*Decorative Magnetic Shielding*

A circuit breaker box (or fuse box) in the bedroom, living room, kitchen, or other living space can be a real problem. Strong magnetic field emissions (depending on how much electric current is flowing) and electric field emissions can make the nearby area hazardous to occupy, especially for long periods. Shielding is certainly possible, but the shield must not hamper quick and easy access to the controls inside the box.

If you are handy, you can use the magnetic shielding material listed below to make your shield. It's a picture (or poster) in a nice frame, with high performance **Giron** shielding material behind the picture. Just put a nail above the breaker box and hang the shielded picture where you need it. The bigger the shield, the better the shielding. In our tests, a 2-foot section of Giron in a 24x36 inch frame provided 50-70% reduction of magnetic field. If you need a shield larger than what is suggested here, just contact us, we will be happy to assist you.

### Step one:

Purchase Giron, 25.5 inch wide x 24 inch  
**GIRON for Poster (Cat. #R273-24P) ..... \$89.80**

### Step two:

Get one of the following, at least 24x36 inches:

- Picture Frame*
- Framed Mirror*
- Dry Erase Board, framed*
- Cork Bulletin Board, Oak Frame*

Obviously, these are just examples. Get something you like.



### Step three:

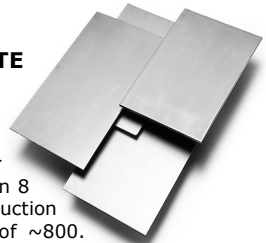
Get a nice picture to put in the frame. Put the picture in the frame. Insert cardboard behind the picture. Insert Giron behind the cardboard (careful as you handle it, the edges are sharp!). Use duct tape to hold the Giron in place if needed. Position the Giron so it will be centered over the magnetic "hotspot" on the wall. If you have room, insert another layer of cardboard behind the Giron. Now hang your Picture! Final product weighs about nine pounds, depending on the frame you select.

## SHIELDENE®

### CORROSION RESISTANT MAGNETIC SHIELD PLATE

*Perfect Size for Many Projects, Indoors or Outdoors*

Need to cover a large area? Worried about rusting? This material is an excellent choice for moderate magnetic shielding (permeability ~1000) when cost is the major consideration. Large **24x48x.0235** inch format, weighs less than 8 pounds per sheet, and delivers up to 80% magnetic field reduction when size and position are optimized. Magnetic Permeability of ~800. Great for covering a breaker panel, or sliding behind a solar panel inverter or smart meter. Attractive lightly brushed finish is very corrosion resistant, even at the edges. Ships with PVC film on one side to help protect against scratching during fabrication and installation. Can be cut or bent with sheet metal tools, and magnets will stick to it.



**Shieldene (Cat. #R269) ..... \$59.95**

*For each parcel, a crate charge of \$20 will be added. We can put 1-10 plates in a parcel. Ships by UPS as oversize*

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