

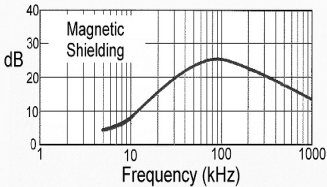
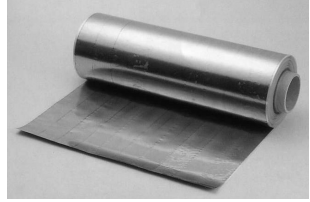
MAGNETIC SHIELDING

FINEMET®

Ultra-Light Weight, Flexible Magnetic Shielding

Best magnetic shielding for kHz range frequencies.

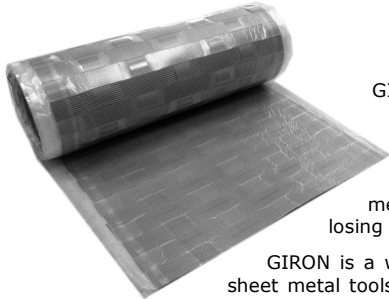
Combines high performance nano-crystalline magnetic



shielding alloy sandwiched between layers of clear PET to achieve good performance and easy handling. Wide format, light weight, flexible, and easily trimmed with scissors, this material will provide good high frequency magnetic shielding for moderate to low fields below 1000 kHz. Tolerates bending very well. Stack multiple layers to improve shielding performance. Maximum permeability: 70,000. Maximum flux density: 1.13T. May have splices.

0.12 mm thick (5 mil); 470 mm (18.5") wide; 0.052 lb/ft².

FINEMET (Cat. #R271) \$22.28 per lin foot
FINEMET Full Roll (100 meters) (Cat. #R271-roll) \$5430.00
(that's only about \$18 per foot, you save 20%!)



GIRON™

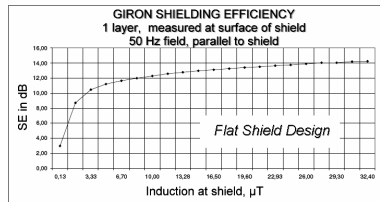
Flexible Magnetic Shielding for Very Strong Fields

GIRON Magnetic Shielding Film, which does not contain Nickel, is unlike any other magnetic shielding material available on the market today. Suitable for applications requiring high saturation and good permeability, both thin and strong, and unlike Mu-metal® it is very tolerant to bending & shaping without losing performance.

GIRON is a woven, laminated material. Cuts neatly with snips or sheet metal tools, and can be used either flat or molded into shapes for best performance.

Suitable for shields on magnets, motors, speakers and appliances such as refrigerators, vacuum cleaners etc. Also great for lining car floor or fire-wall. Perfect for full or partial wall / floor shielding in rooms. Can be glued, taped, nailed, screwed or riveted into place. Could even be used to make a (heavy weight) vest to shield a person's torso! Works with AC or DC magnetic fields (0-1000 Hz), and will tolerate temperatures from 32° to 140°F. Laminated with a 0.005 inch glass reinforced polypropylene tape which is UV sensitive, cover if installation is exposed to direct sunlight.

Initial permeability: 500
 Saturation induction: 2,0 T
 Relative permeability: 7000
 Curie Temp.: 740 °C (1364 °F)



25.5 inches wide, 0.9 mm thick. Weighs 3.5 Kg/m² (about 15 pounds per 10 foot length).

GIRON (Cat. #R273) \$44.95 per linear foot
GIRON - full roll, 81 ft (Cat. #R273-roll) ... \$2912.76 (< \$36/ft, you save 20%!)

Toll free in USA: 1-888-537-7363
 International: +1-518-608-6479

Fax: 1-309-422-4355
 www.lessemf.com