



# Sheet 1380

## High- $\mu$ Magnetic Shielding with Thermosetting Rubber Adhesive

### Data Sheet

#### Product Description

3M™ High- $\mu$  Magnetic Shielding Sheet 1380 consists of a soft magnetic sheet sandwiched between layers of PET polymer film and coated with a unique pressure-sensitive thermosetting rubber adhesive.

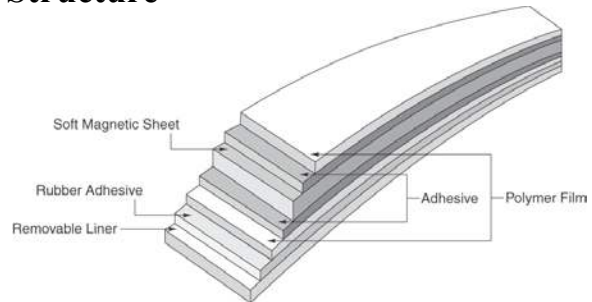
- Soft magnetic sheet with excellent magnetic shielding properties
- Thin, flexible and lightweight magnetic shield layer
- 2 layers of thin, flexible PET polymer film
- Thermosetting rubber adhesive
- Supplied on a removable liner for easy handling and die-cutting

Please consult with sales representatives about custom width and length.

#### Applications

3M Sheet 1380 is typically used for applications requiring excellent magnetic shielding properties at low frequency. Common uses include magnetic shielding at low frequency in mobile phone, personal computer, CRT, etc.

#### Structure



Properties	Typical Values for Products	
	1380 Sheet	Grain-Oriented Silicon Steel (as reference)
Total thickness (mm)	0.3	0.35
Typical Values for Magnetic Layer		
Thickness (mm)	0.02	0.35
Magnetic flux density (T)	1.23	1.83
Maximum magnetic permeability @ 50 Hz	100,000	60,000 (@ DC)
Density (g/cc)	7.3	7.65
Resistivity (micro $\Omega \cdot$ meter)	1.2	0.48

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Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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