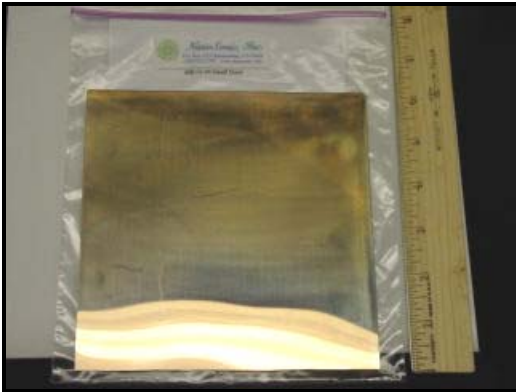


## Metal Rubber™ Sheets

### Product #: MR-01-06 and MR-01-12



**MR-01-06: 6" square sheet**



**MR-01-12: 12" square sheet**

### Product Features

Metal Rubber™ is a unique self-assembled nanocomposite material that combines the high electrical conductivity of metals with the low mechanical modulus of elastomers. Self-assembly processing allows the simultaneous modification of both conductivity and modulus during manufacturing. Product Properties: Sheet resistance: 1.0 to 100  $\Omega/\square$  and mechanical strain (% elongation): 200 to 300%. The electrical conductivity (sheet resistance), aesthetics and thickness vary slightly between samples. See NanoSonic's [material properties of Metal Rubber™](#).

Metal Rubber™ has a wide range of possible applications, from mechanically flexible electrical interconnections and electromagnetic shielding to the measurement of large mechanical deformations. See NanoSonic's application notes and papers for possible suggestions.

### Product Parameters

Product #	Dimensions	Thickness	Estimated Delivery Time
MR-01-06	6 inch square	1 mm thick	2-3 weeks
MR-01-12	12 inch square	1 mm thick	Contact for estimate

For pricing or additional product information, please contact our Sales Representative:

Phone: (540) 953-1785; E-mail: [products@nanosonic.com](mailto:products@nanosonic.com)

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