



Flexible Ferrite Sheets

Fair-Rite's Flexible Ferrite Sheets provide the benefits of soft-magnetic materials, while freeing you from their mechanical constraints!

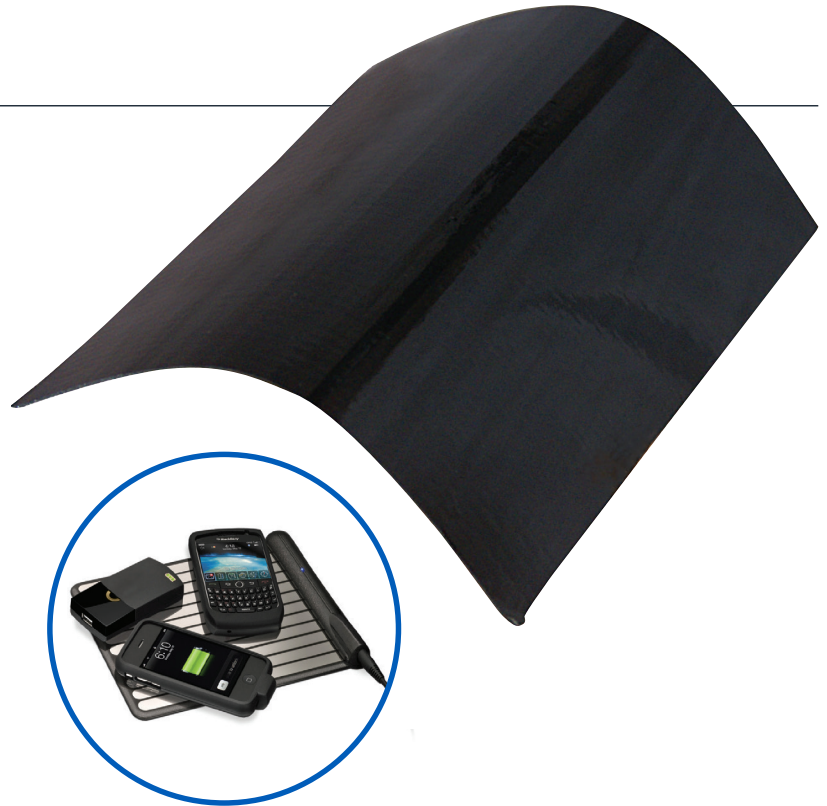
These materials are composed of NiZn to provide high-volume resistivity and high insertion-loss over a broad frequency range.

Available in six material grades and four standard thicknesses as thin as 0.13mm, these RoHS compliant sheets come "scored" in a 2mm x 2mm rectangular grid.

With its PET backing, it can bend without impacting performance – making it easy to conform and adhere to any surface for improved functionality.

Used primarily for suppressive applications, the amount of noise that is absorbed at high-er frequencies is proportional to the resistive component of the permeability (μ') and the thickness of the ferrite. The operational frequencies can range from below 1 MHz into the GHz range, making it ideal for a multitude of applications.

For more information or to obtain a sample kit: please contact your sales representative or visit our website: www.fair-rite.com



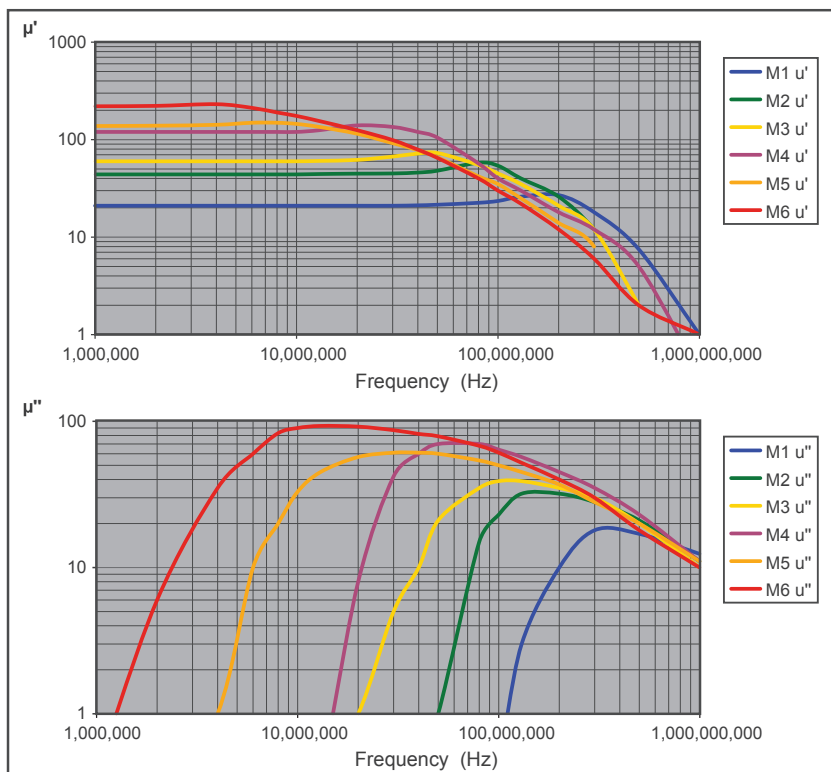
Key Benefits:

- Can be quickly implemented into custom designs
- Easier to handle in production verse rigid plates
- Can be cut with a knife, razor or scissors
Die cutting is available
- Easy to apply - peel and stick

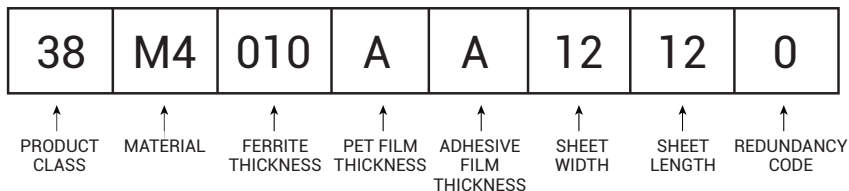
Applications:

- Wireless Power Charging Station
- RFID and NFC antennas
- PCB and IC components
- Switch-mode power supplies





PART NUMBERING CODES



Fair-Rite PN	Material Permeability	Ferrite Thickness	PET Thickness	Tape Thickness	Sheet Size*	Total Thickness
38M1010AA1212	20	0.1 mm	0.01 mm	0.02 mm	120 x 120 mm	0.13 mm
38M1020AA1212	20	0.2 mm	0.01 mm	0.02 mm	120 x 120 mm	0.23 mm
38M1040AA0606	20	0.4 mm	0.01 mm	0.02 mm	60 x 60 mm	0.43 mm
38M1050AA0606	20	0.5 mm	0.01 mm	0.02 mm	60 x 60 mm	0.53 mm
38M2010AA1212	45	0.1 mm	0.01 mm	0.02 mm	120 x 120 mm	0.13 mm
38M2020AA1212	45	0.2 mm	0.01 mm	0.02 mm	120 x 120 mm	0.23 mm
38M2040AA0606	45	0.4 mm	0.01 mm	0.02 mm	60 x 60 mm	0.43 mm
38M2050AA0606	45	0.5 mm	0.01 mm	0.02 mm	60 x 60 mm	0.53 mm
38M3010AA1212	60	0.1 mm	0.01 mm	0.02 mm	120 x 120 mm	0.13 mm
38M3020AA1212	60	0.2 mm	0.01 mm	0.02 mm	120 x 120 mm	0.23 mm
38M3040AA0606	60	0.4 mm	0.01 mm	0.02 mm	60 x 60 mm	0.43 mm
38M3050AA0606	60	0.5 mm	0.01 mm	0.02 mm	60 x 60 mm	0.53 mm
38M4010AA1212	120	0.1 mm	0.01 mm	0.02 mm	120 x 120 mm	0.13 mm
38M4020AA1212	120	0.2 mm	0.01 mm	0.02 mm	120 x 120 mm	0.23 mm
38M4040AA0606	120	0.4 mm	0.01 mm	0.02 mm	60 x 60 mm	0.43 mm
38M4050AA0606	120	0.5 mm	0.01 mm	0.02 mm	60 x 60 mm	0.53 mm
38M5010AA1212	140	0.1 mm	0.01 mm	0.02 mm	120 x 120 mm	0.13 mm
38M5020AA1212	140	0.2 mm	0.01 mm	0.02 mm	120 x 120 mm	0.23 mm
38M5040AA0606	140	0.4 mm	0.01 mm	0.02 mm	60 x 60 mm	0.43 mm
38M5050AA0606	140	0.5 mm	0.01 mm	0.02 mm	60 x 60 mm	0.53 mm
38M6010AA1212	220	0.1 mm	0.01 mm	0.02 mm	120 x 120 mm	0.13 mm
38M6020AA1212	220	0.2 mm	0.01 mm	0.02 mm	120 x 120 mm	0.23 mm
38M6040AA0606	220	0.4 mm	0.01 mm	0.02 mm	60 x 60 mm	0.43 mm
38M6050AA0606	220	0.5 mm	0.01 mm	0.02 mm	60 x 60 mm	0.53 mm