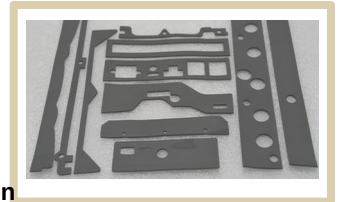


## EMC SOLUTIONS NEW PRODUCTS RELEASE APRIL 2022

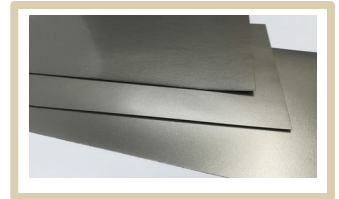
### NEW HIGH FREQUENCY EMI / MICROWAVE ABSORBER RANGE FOR AUTOMOTIVE / ENGINEERING / COMPUTER / MEDICAL DEVICES TELECOMMUNICATIONS

**SC** Series are mechanically loaded electrically non-conductive silicone rubber EMI RF flexible high loss absorbers. SC suppresses resonance and harmonics from circuitry / absorbs RF emissions from wiring and reduces interference from Internal peripheral devices. Typical uses : power amplifiers / oscillators / down/up Converters. Range 1 GHz to Millimeter waves. Apply to antenna elements / microwave dishes/ isolation of wave guides / unwanted imaging on LCD. Automotive Industry :On board interference / telematics and GPS circuitry. Rohs Compliant / Halogen Free / Reach Compliant.



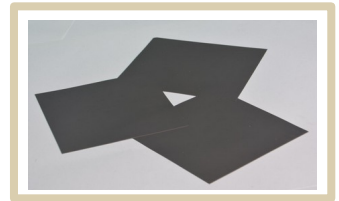
[CLICK HERE FOR SC DATA SHEET](#)

**SN** Series are ultra thin near field noise suppression absorbers. Designed for 10MHz to 6 GHz. Used to mitigate EM energy. They interact and suppress the magnetic field at the noise source. Typical uses: Place over CPU's / Main Chips Sets / Memory and Power IC to suppress radiated noise / Cross talk or SAR Emissions. Supplied in Custom Configurations or 300mm x 300mm sheets. Rohs / Halogen Free / Reach Compliant.



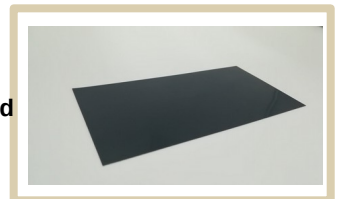
[CLICK HERE FOR SN DATA SHEET](#)

**ST** are a series of resonant absorbers that reflect -20dB or less or normally incident microwave energy at the design frequency in the range 1.5 GHz – 26GHz. Designed to be used within a specific frequency or within a narrow frequency band. Can be supplied in sheets 300mm x 300mm or custom configurations. The product is a flexible high loss magnetically loaded, electrically non-conductive silicone rubber the thickness will vary according to the desired resonant frequency. This product has a high temperature capability to 170°C continuously and can withstand shorter exposures to higher temperatures. Typical applications include : Masts of ships / complete coverage of internal walls / wave guides / Automotive industry to reduce radar signature. Lining of cavity backed and shrouded telecommunication antennas where narrowband performance is required e.g. waveguide feeds.



[CLICK HERE FOR ST DATA SHEET](#)

**HP** is a highly permeability Ferrite Sheet designed to have low losses at 13.56 MHz. The high permeability makes it ideal to use for NFC / RFID and wireless charging applications Improving performance on RFID / NFC / automotive antenna. Supplied in sheets 125mm x 125mm. The product is ferrite material covered with a protective film on one side and adhesive tape on the other side. Improve the performance of NFC antenna for mobile phones. HP is a Low Loss / Rohs / Halogen Free product.



[CLICK HERE FOR HP DATA SHEET](#)

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our range of  
Acoustic Control  
Materials

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