

3M Absorber Sheets Work Below 1 GHz

3M EMI Absorber AB-5000S series sheets provide enhanced absorption of electromagnetic interference at frequencies below 1 GHz. This is a lower frequency attenuation than that of many absorbing products on the market today.

The AB-5000S absorbers reduce EMI noise and harmonic coupling in electronic equipment, cables or circuits, including any portion covered by a shielded can. They reduce the EMI susceptibility of sensitive components, including RFID or Hall effect devices, and conducted emissions from multiconductor cables. They are particularly suited for limiting EMI from internal sources around digital display devices, such as mobile hand-helds, digital still cameras, notebook computers, camcorders, hard disk drives, automotive electronics and cable harnesses.

AB-5000S series products have a uniform distribution of ferro-magnetic filler in the polymer binder to provide consistent performance and an acrylic pressure-sensitive adhesive with release liner. These EMI absorber sheets are easy to handle and die cut and come in thicknesses of 0.1mm, 0.2mm, 0.3mm, 0.5mm and 1.0 mm.

For more information on the 3M EMI Absorber AB-5000S series, contact the 3M Electrical Markets Division at 800-676-8381. For more information about 3M OEM products, go to www.3M.com/oem.

The 3M Electrical Markets Division, based in Austin, Texas, designs, manufactures and markets products for electrical/electronic devices produced by original equipment manufacturers, electrical construction, industrial maintenance, and utility and industrial power businesses. Division products include electrical and electronic specialty insulating tapes and absorbers; power cable splices and terminations, including cold and heat shrink technologies; cable arc and fire resistant tapes; heat shrinkable tubing and molded shapes for electrical insulation; electrical wire connectors; wire terminals, tools and lugs; wire marking products; cable ties; underground/underwater electrical system products; and electrical diagnostic and detection products.

About 3M - A Global, Diversified Technology Company

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers around the world, the people of 3M use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit www.3M.com.

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3M Electrical Markets Division Mary Kay Knief Mcknief at 3M dot com

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