

3M Absorber and Shielding Tapes Protect Components and Devices

3M has built on its history of innovation in OEM tapes to create the new 3M Multifunctional EMI/RFI Absorber and Shielding Tape AB6005 series. Combining EMI absorbing and shielding in a single tape makes this series of three tapes particularly well suited for applications in electronic components and in devices such as mobile handhelds, digital still cameras and LCD televisions. One of the tapes also handles ESD grounding.

The AB6005 tapes have absorber, shielding and insulating layers integrated in one flexible tape. When the layers are varied in three different constructions, three unique products result. The different constructions of the AB6005 series products perform uniquely different shielding and absorbing functions, isolating and separating EMI and RFI transmitters and receivers. Building multiple EMI, RFI and ESD performance attributes into a thin tape product that is easily converted into specific shapes changes how electronic products can be designed and problems resolved.

3M serves original equipment manufacturers with OEM tapes, EMC and EMI-shielding products, antistatic masking tapes, heat shrink tubing and devices, liquid resins and adhesive transfers. 3M products are used for insulating wire harnesses, shielding against electromagnetic interference, protecting PCBs and electronic devices, and insulating electrical components.

For more information about the 3M Multifunctional EMI/RFI Absorber and Shielding Tape AB6005 series, contact the 3M Electrical Markets Division, A130-4N-36, 6801 River Place Blvd., Austin, Texas 78726-9000, USA, or call 800-676-8381. For more information about 3M electrical products, go to www.3M.com/electrical.

The 3M Electrical Markets Division, based in Austin, Texas, designs, manufactures and markets products for electrical and electronic components, electrical construction, industrial maintenance, and utility and industrial power.

About 3M

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms – often in combination – to a wide array of customer needs. With \$24 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, visit www.3M.com.

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3M Electrical Markets Division, Austin, TexasPhoto Available from mkknief at 3M dot com

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