

3M Gasket Shielding Material Gives Superior Adhesion and Compression Performance

3M eCAP 7830N series products are designed for EMI gasket shielding applications in electronic components and assemblies where good electrical conductivity, shielding and shock absorption are required. 3M's proprietary technology employed in this product represents a breakthrough in pressure-sensitive-adhesive tape and conductive gaskets.

This new conductive fabric laminate from 3M aligns conductive filler in three-dimensional structures throughout the adhesive and allows for excellent electrical conductivity in all three axis while retaining superior adhesion and compression performance.

Typical applications are in digital display devices such as mobile handhelds, digital still cameras, and liquid crystal display televisions.

Available in rolls or as die cut pads, the eCAP material comes in thicknesses of 0.2, 0.3, 0.4 and 0.5mm. The material has single-sided adhesion and is repositionable.

For more information about 3M eCAP 7830N series products, contact the 3M Electrical Markets Division, A130-4N-40, 6801 River Place Blvd., Austin, TX 78726-9000, USA, or call (800) 676-8381. For more information about 3M electrical products, go to www.3M.com/electrical/oem.

The 3M Electrical Markets Division, based in Austin, Texas, designs, manufactures and markets products for electrical construction, industrial maintenance, utility and industrial power businesses, and electrical/electronic devices produced by original equipment manufacturers. Division products include electrical and electronic specialty insulating tapes; 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 in more than 200 countries 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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