3M News

FOR IMMEDIATE RELEASE

3M Woven Tape Shields with Great Flexibility and Conformability

AUSTIN, Texas –August 5, 2009 – The new 3M Copper Nickel-Plated Conductive Woven Fabric Tape CN4190 is a self-stick EMI tape that provides a good electrical conductive path for EMI shielding and ESD grounding in small consumer electronics such as mobile handhelds, digital still cameras, and liquid crystal display televisions.

Tape CN4190 has a copper nickel-plated woven backing coated with conductive acrylic adhesive on both sides and is repositionable. It provides a conductive interface between electronic components. Unlike metal foil tapes that have sharp edges and a stiff feel, this tape, with its woven backing, is flexible and conformable and has a 35 lb/inch tensile strength. These tapes can be converted into sheets, slit rolls and die cut parts.

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 3M Copper Nickel-Plated Conductive Woven Fabric Tape CN4190, contact the 3M Electrical Markets Division, A130-4N-40, 6801 River Place Blvd., Austin, Texas 78726-9000, USA, or call 800-676-8381. For more information about 3M OEM products, go to www.3M.com/electrical/oem.

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 $25 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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Photo available