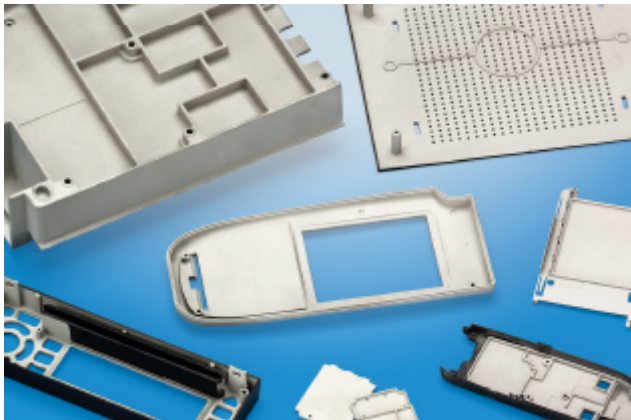


FOR IMMEDIATE RELEASE

New Metallic Conformal Coating Process Provides High Performance, Lower-Cost EMI Shielding

February 15, 2002, Woburn, Massachusetts – Chomerics, a division of the Parker Hannifin Corporation, has introduced the ECOPLATE™ metallic conformal coating process, an automated system that applies a pure metal coating over plastic or metal electronic housings. In the patent pending ECOPLATE process, a metal film is atomized and robotically sprayed onto enclosure parts under controlled speed, particle size and temperature conditions. The resulting 100% metal conformal coating provides uniform coverage with no runs, edge pulls, corner puddles or voids. Shielding performance of the ECOPLATE 5030 tin/zinc alloy exceeds 75 dB from 100 MHz to 10 GHz. Coatings can be applied as thin as 12.5 µm (0.0005 inch). The low-temperature ECOPLATE process is free of solvents and corrosives, making it ideal for thin-walled, plastic injection-molded parts. It also replaces conversion coating on metallic enclosures. Use of the ECOPLATE system eliminates wastewater and vapor treatments, and the handling of flammable materials required with traditional painting and electroless plating methods. There are no solvent-bearing particulates or mask residues to wash off with chemicals. These benefits, together with low tooling costs, make the ECOPLATE system an economical solution for both low and high volume applications. Applied costs are typically 10-40% below current alternative painting and plating methods.

Chomerics, a division of Parker Hannifin's Seal Group, provides a wide range of EMI Shielding and Thermal Management materials and services to OEM electronics companies around the world in the Telecom, Information Technology, Power Conversion, Military and Automotive markets. Since 1961, Chomerics has been the primary force in the development of electrically conductive elastomers for use as extruded, molded and form-in-place EMI gaskets. Chomerics also offers an extensive family of thermal interface materials, which transfer heat from electronic components to heat sinks.

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