Cortec® on Cutting Edge of Corrosion Protection and ESD Packaging for Electric Car Industry

As a new wave of electric cars rolls off the assembly line, a new concern arises: how to protect sensitive electrical components from corrosion and electrostatic discharge (ESD) damage during storage and shipment. Cortec® is on the cutting edge of the packaging industry, already responding to this market demand with custom VpCl®-125 static dissipative bags.

When a client recently needed protective packaging for electric car components being shipped overseas, the Cortec® team banded together to meet the tight deadline and deliver high quality VpCl®-125 bags. Cortec® satisfied the client with a speedy turnaround and a packaging solution that addressed two protection concerns for these sensitive electric vehicle components:

- Protection against harsh elements and fluctuating environments that could corrode metal contacts
- Protection against electrostatic discharge that could damage the electrical components
VpCI®-125 Static Dissipative Film and Bags are recommended for packaging of static-sensitive and non-static sensitive components where triboelectric charge generation and corrosion are concerns. The film forms a monomolecular corrosion inhibiting layer on metal substrates and does not interfere with the physical or chemical properties of electronic components.

Metals protected include:

- Steel
- Copper (and alloys)
- Aluminum (and alloys)
- Brass
- Solder
- Nickel

VpCI®-125 is available in a variety of custom sheeting, tubing, and bag sizes. It is an excellent choice for protecting integrated circuits, printed circuit boards, PCB components, telecom equipment, electronic and electrical panels, enclosures, and, of course, electrical vehicle components!


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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.