# **OEM Brand Packaging** From Cortec®

# **Protect Your Brand and Product**



Tamper Proof packaging fights revenue loss from having OEM components replaced with non-genuine and non-authorized parts.

capabilities.





Technology fights corrosive attack against multi-metal components





# **Protect Your Revenue Against Brand Theft**

When you want to prevent potential economic loss from Brand theft or you need to recoup revenue from Brand theft, Cortec provides you with an arsenal of weapons. High target areas for Brand theft occur for OEMs with multi-national locations of manufacture and assembly. It's easy pickings as parts move across borders to different plant locations and service centers.



Cortec's new "Brand Packaging For OEM Components" adds a first line of security and protection. It verifies the part as a genuine OEM component and identifies metal components with their part ID. Utilizing tamper proof packaging makes sure that the parts inside remain authentic

OEM Brand Components during shipment and storage across international borders and waters.

Enhanced printing capabilities with Cortec® proprietary films and papers permit OEM Branding while consistently retaining the packaging's protective capabilities. Utilizing Cortec® Patented VpCI<sup>TM</sup> Corrosion Protection Technology, multi-metal components and electronics are protected during shipment and storage for up to 2 years.

Cortec® OEM Brand Packaging speeds logistics with shipping, receiving and processing through customs. To meet recycling import/export standards, the environmentally friendly packaging is available in recyclable and degradable materials. It can also display any required information text. When desirable, translucent plastic packaging is used to allow easy and fast visual inspection. At its final destination, packaging displays the OEM Branding and Product Codes so receiving and assembly departments can quickly expedite parts to the proper locations.

## How OEM Brand Packaging From Cortec Protects Your Brand and Product

# Worldwide OEM Brand Identification

- Tamper proof packaging verifies authentic OEM Brand Component
- OEM Product Code/Item Number identifies specific product, allows packaging personnel to take the correct bag, allows receiving department to route to correct destination
- Worldwide Supplier Identification Verifies Cortec® VpCI<sup>TM</sup> protection

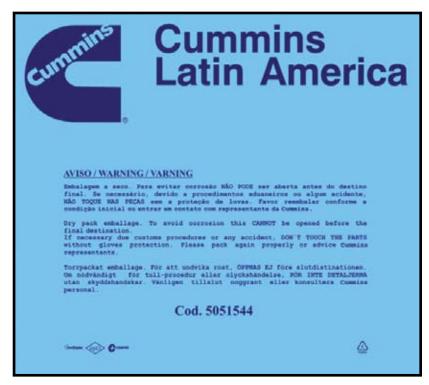
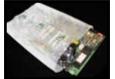


Photo courtesy of Cummins Inc. Image is an example of Cortec "Branded Packaging" capabilities.

### Speed Logistics With Shipping, Receiving, Customs

- Advisory information and warning text for destination personnel and customs in order to avoid damage to packaging
- Symbols for recycling, bio-degradability advise customs and personnel at final destination for disposal of packaging material
- Symbol indicates ESD protection

Available in: Sheets, bags, and rolls • Recyclable, degradable or repulpable • Polyethylene and paper

















### Conditions That Initiate Corrosive Attack During Transit and Storage

- Humidity
- Humidity changes
- Temperature changes
- Freeze-thaw cycles
- Salt water
- Transit from land to marine to land atmospheres
- Urban atmospheres
- Plastic and composite material out-gassing

Cortec® VpCI Packaging: NO RUST





Standard Corrosion Protection Packaging: RUSTED

# Effective For Small Components — Engines — Entire Machines

The new advancements in Cortec® Patented VpCI<sup>TM</sup> technology enable components, assemblies and entire machines with electronics to withstand the rigors of corrosive attack from humidity, freeze thaw cycles, and aggressive salt environments.

Components protected with Cortec® OEM Brand Packaging receive clean protection. They are ready for immediate use without any cleaning or degreasing. At the final destination, the user simply opens the package and the component is ready for service or further assembly. The packaging materials are available in a variety of thicknesses, materials, and types to accommodate diverse size requirements from small components to engines up to entire machines.

# Protect Your Metal Components and Electronics Against Corrosive Attack During Shipment and Storage

For OEMs with multi-national locations of manufacture and assembly, the easiest place for corrosive attack to occur is during shipment and storage. Climate shifts and differences guarantee corrosive attack for metal components during transit with continued damage during storage.

Parts with standard protection are at high risk for aggressive corrosive attack due to basic climatic differences. Just simple humidity and temperature changes over a few hundred miles or kilometers can create a sauna like humidity chamber or a moisture condensing rain forest. With multiple shipments during the course of a year, parts with ordinary protection have no chance of arriving at their destination without sustaining corrosion for some shipments. Components with rust bloom may need to be scrapped for total economic loss, reprocessed for partial loss, or cause customer claims due to product failure in use.



Individual packaged components and spare parts



Multi-metal assemblies and CKD (Complete Knock-Downs)



Bulk packaged components and spare parts



Large equipment and machines with electronics

# Cost of manufacturing a part today compared to 15 years later. Suppose the state of the state o

# Long Term Brand Protection For Build Ahead Programs With Cortec® 15 Year Protective Packaging

Cortec's new high technology packaging films enable long term Brand Protection, lower economic costs and a long term revenue source. The new packaging films from Cortec's Research Laboratory have increased long term protection for multi-metal components up to 15 years. The industry standard previously allowed for up to 3 years before protection weakened and required repackaging. Cortec's new standards set long term protection in 7, 10 and 15 year time frames depending on the service life requirements desired for a metal component.

Cortec's breakthrough in long term protection ushers in a new set of economics for "Build Ahead Programs" in a variety of product categories. Consider the automotive after-market and parts service for the model year of a vehicle. The economic factor can be as high as a 1 to 25 ratio. For example, a part manufactured today at a cost of \$2 can cost as much as \$58 fifteen years later, especially when a manufacturing line needs to be reestablished to produce the part. With Cortec's 15-Year Protective Packaging, the anticipated aftermarket requirements for the life of an automotive model can all be produced while manufacturing lines are currently running providing substantial cost savings.

# Components Ready For Immediate Use For Installation or Service: Now — in 9 Months — in 15 Years

With Cortec clean VpCI<sup>TM</sup> protection parts are ready for immediate use. This eliminates an entire round of cleaning with the attendant costs for manpower, maintenance, equipment, energy, and materials. At the receiving destination, instead of going through another round of processing, the user simply opens the package. The components are ready for installation, assembly, or service. For mission critical items, it means they're ready to perform. Military components and equipment in deep storage, for example, are now in combat ready state.

Cortec's tamper proof, OEM Brand Packaging ensures that the contents are genuine OEM Brand components. Like Cortec's other packaging, its 15-Year Protective Packaging is available to accommodate a variety of size requirements from small components to engines up to entire machines. Where practical, the packaging incorporates Cortec® Advanced Green Technology for environmentally friendly materials with enhanced characteristics for degradability and recyclability.



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