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**Attention: Editor**

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**PRESS RELEASE**



## **Cortec® Helps Automakers Choose Their Level of Corrosion Protection for All-Time-Buys and Build-Ahead Programs**

Cortec's VpCI® packaging technology solves an important question for automotive manufacturers and suppliers: How does one successfully avoid corrosion on all-time-buys or build-ahead programs? The answers are critical for automakers who, for example, need to have a steady stream of components available when transitioning to a new supplier, or who need to prepare service parts for a car or truck



model that is being phased out. Not much could be worse than going to retrieve one of those auto parts two years, five years, or 10 years later, only to discover that it has rusted in the meantime and cannot be used

without further restoration—if it can be used at all. Cortec’s VpCI® protective packaging counteracts this danger and allows automakers to choose their desired level of corrosion protection according to the specific needs of their situation.

### **Level One: Basic Protection**



VpCI®-126 Blue Film is a great place to start when packaging auto components made in advance and stored in mild indoor conditions. Auto parts may be preserved dry (without rust preventative oils) so they are ready to use the moment they are taken out of the package—no extra cleaning or degreasing required. This is due to Vapor phase Corrosion Inhibitors, protective molecules that fill the VpCI®-126 packaging enclosure and are attracted to metal surfaces where they form a corrosion inhibiting layer. This molecular layer simply evaporates when the packaging is removed. Depending on storage conditions and the film thickness chosen, VpCI®-126 Film can provide protection for up to seven years and is often combined with VpCI® Emitters as an additional source of corrosion protection for larger volumes. VpCI®-126 Film is versatile and can be made into large gusseted bags to line crates of auto parts or package large

engines and transmissions. It is also available as VpCI®-126 Top-Seal Bags (zipper closure) and VpCI®-126 Heat-Seal Bags, perfect for packaging individual components.

### **Level Two: Enhanced Protection**

VpCI®-126 HP UV Shrink Film provides a step up in protection durability by combining Vapor phase Corrosion Inhibitors with high strength resins and ultraviolet light stabilizers. This makes it well-suited to outdoor storage situations, which are sometimes necessary when facilities run out of indoor space and require backup options. Other times, storage may be limited to spaces near open loading bay doors that allow moisture-laden air to drift inside. Each of these



situations can benefit from the high-performance characteristics of VpCI®-126 HP UV Shrink Film to protect build-aheads and all-time-buys, supplemented by VpCI® Emitters as necessary.

### **Level Three: Extreme Protection**



For the toughest industrial requirements and long-term preservation, automakers can select CorrLam® LD VpCI® Barrier Laminate. This multilayered high performance laminated structure consists of a clear polyester extrusion coating laminated to aluminum foil, which is laminated to VpCI®-126 Film. It was developed to meet the toughest industrial requirements and provide an excellent barrier to water vapor, gas, ultraviolet light, and odor. The barrier layer (foil) prevents the

VpCI® molecular vapor from escaping the package, thereby trapping the protective chemistry within. It also eliminates the need for desiccants while providing complete corrosion protection. CorrLam® LD VpCI® Barrier Laminate can be heat-sealed, vacuum-sealed, and even fitted with a one-way vacuum valve for the removal of harmful moisture vapors inside the package.

### **Choose Your Level of Protection Today**

Successful protection for automotive build-ahead programs or all-time-buys is easy to achieve when the right kinds of protective materials are chosen for the job. VpCI® Technology films, bags, and laminate offer the industry's top-of-the-line protection in a variety of formats that help automakers adapt to different storage conditions and durations. Evaluate your program requirements today and contact Cortec® for further assistance in creating a packaging system that works at your level of protection:



<https://www.cortecpackaging.com/contact-us/>.

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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. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122