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PRESS RELEASE



CorrLam® LD VpCI® Barrier Laminate: Corrosion ‘Foiled’ Again!

When it comes to corrosion protection, there are different degrees of intensity required. Some situations only need light protection as a short-term “insurance policy” against possible condensation corrosion on brand-new metal parts in-process or undergoing domestic shipment. Others need more intense protection for two-year storage. Still others demand extreme protection for overseas export or to ensure five, 10, or 20 years of preservation for auto build-ahead or service parts programs. For the



harshest conditions and the longest storage periods, CorrLam® LD VpCI® Barrier Laminate is a choice strategy to foil corrosion and keep parts in ready-to-use condition.

CorrLam® LD VpCI® Barrier Laminate is a high-performance laminated packaging material developed to meet the toughest industrial requirements and conditions. Made of a clear polyester extrusion coating laminated to a 0.285 mil (7 µm) aluminum foil and a 4 mil (102 µm) VpCI®-126 Film, CorrLam® provides an excellent barrier to block water vapor, oxygen, ultraviolet light, and odor. The layer of VpCI®-126 Film



laminated to the inside of the foil releases Vapor phase Corrosion Inhibitors into the package to form an invisible molecular layer of corrosion protection that does not need to be removed from the metal component before use or further assembly. The foil prevents this molecular vapor from escaping the package, thereby trapping the protective chemistry within. Altogether, this tough, puncture- and tear-resistant packaging material is an excellent way to prevent corrosion on metal parts,

extend product shelf life, and provide long-term preservation.

CorrLam[®] LD VpCI[®] Barrier Laminate can be made into custom pouches for parts or large format covers to wrap around equipment. It is heat-sealable and ideal for vacuum packaging. CorrLam[®] has an extremely low Water Vapor Transmission Rate (WVTR) and O₂ Transmission Rate (OTR) of less than 0.0006 g/100 in² (0.0006 g/645 cm²) per day, eliminating the need for desiccants. The material may even be fitted with a one-way vacuum valve for the removal of harmful water vapor and other gases from the interior of an enclosure or package.

CorrLam[®] is a great option for automakers, logistics companies, and custom packagers to be aware of. Possible applications include the following:

- Export packaging
- Highly sensitive domestic packaging
- Long-term preservation
- Build-ahead programs
- Service parts storage



CorrLam[®] provided an easy solution for long-term preservation of hundreds of transmissions at a logistics warehouse in Thailand. Each transmission was wrapped and sealed in its own piece of CorrLam[®] LD VpCI[®] Barrier Laminate to keep it in corrosion-free condition during a five- to seven-year preservation period. CorrLam[®] was also used in the USA in conjunction with Cor-Pak[®] 1-MUL Pouches for long-term storage of motorcycle service parts and to take advantage of build in advance manufacturing.

Whether facing these or different circumstances, users of CorrLam® can know they are getting an ultra-heavy-duty corrosion inhibiting barrier material for long-term and extreme protection of their most valuable components in storage or shipment. Contact Cortec® for more information and to evaluate specific project parameters:

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

Learn more about CorrLam® LD VpCI® Barrier Laminate here:

https://www.cortecvci.com/Publications/PDS/CorrLam_LD_VpCI.pdf



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