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Attention: Editor
September 24, 2019
PRESS RELEASE



Bio-Pad®: Biobased and Powerful Corrosion Protection for Transporting High-Tech Equipment Over Land and Sea

Cortec's Bio-Pad® has become a powerful corrosion solution for a supplier who ships high-value electronics-testing equipment overseas. This equipment has many exposed metal testing points that must be protected from tarnish and corrosion during transport to the end user. Failure to do so could result in costly repairs, returns, and replacements that no one wants to face. The supplier avoids this by wrapping test equipment in Cortec® VpCI®-126 film and including Bio-Pad® in the package.



Bio-Pad® is a unique flexible corrosion inhibiting device constructed from biobased non-woven material. It contains a high concentration of Vapor phase Corrosion Inhibitors that diffuse out of the pad to create a conditioned protective environment in the enclosed package. The VpCI® molecules are attracted to metal

surfaces, where they form a protective molecular layer against corrosion. These molecules do not interfere with substrate properties, but simply float away after the equipment has been removed from the protective packaging. Bio-Pad® passes the NACE TM0208-2018 VIA test for vapor corrosion-inhibiting ability.



Bio-Pad® protects multi-metals including carbon steels, aluminum, galvanized steel, copper, brass, and zinc, making it effective for high-tech equipment containing electricals or electronics. Because of its slim size, Bio-Pad® fits easily into packages, significantly reducing material space compared to polyurethane foam emitting devices. However, it does so with greater environmental responsibility by using a biobased substrate. Bio-

Pad® comes in individual pieces as small as 2” x 6” (5.08 cm x 15.24 cm) to protect packages of 1.5 cubic feet (42 L). It is also available in custom rolls to protect large containers or mothball entire equipment rooms. Where needed, VpCI®-126 film or bags serve as good recyclable complements to wrap items and provide external corrosion protection.

The majority of complex equipment today contains electronics, electricals, or other metal parts. It is paramount that these goods reach their destination uncorroded, in new condition. By using Bio-Pad®, manufacturers and distributors of high-tech equipment have an environmentally responsible way to calm corrosion fears and protect multi-metal components during transit over land or sea.

Learn more about Bio-Pad® here: <https://www.cortecpackaging.com/product/bio-pad/>

Learn more about VpCI®-126 here: <https://www.cortecpackaging.com/product/vpci-126-blue/>

Need a High-Resolution Photo? Visit: www.cortecadvertising.com

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.

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