



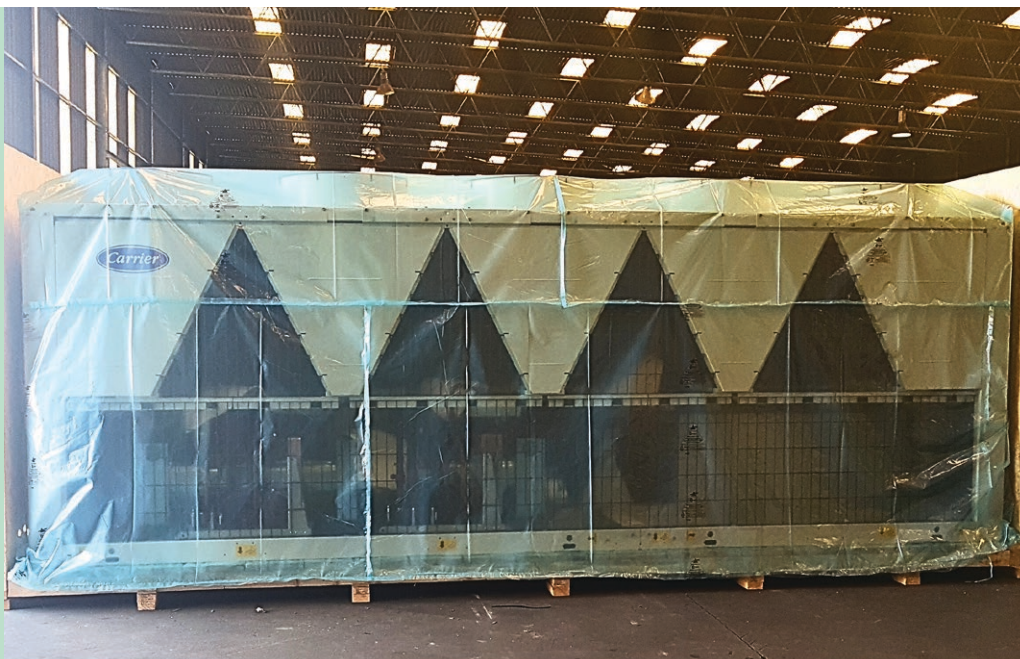
# 3D Bags Powered by VpCI®

## DESCRIPTION

3D Bags Powered by VpCI® are high-technology bags combining the latest film technology with effective corrosion protection for all of your metal products including rust, tarnish, stains, white rust, and oxidation. Their three-dimensional shape allows them to fit various shapes and sizes of items more effectively, including bulky or irregularly shaped objects providing all-around protection. 3D Bags Powered by VpCI® are available in PCR versions that have been developed with a high amount of post-consumer recycled content for the purpose of efficient recovery, recycling, and reuse of resources to minimize the economy's negative ecological footprint. 3D Bags Powered by VpCI® enable customers to meet their sustainability goals without compromising quality specifications related to mechanical and corrosion inhibiting properties.

3D Bags Powered by VpCI® replace conventional rust preventatives such as oils and desiccants. VpCI® packaging eliminates the degreasing or coating removal required in the past and therefore enables time and financial savings. They can be used immediately. 3D Bags powered by VpCI® are transparent, making it easy to identify parts. Additionally, they do not contain free amines, phosphates, or halogen-based materials, they are non-toxic and recyclable.

3D Bags Powered by VpCI® are available in several versions including ESD versions that contain anti-static properties to immediately reduce or eliminate static buildup as long as the bags are in use independent of the presence of humidity. They can be manufactured utilizing a wide array of the most advanced resins. Custom blends are available to give you the exact properties you need, whether it's improved puncture resistance, tear strength, or other requirements.



**3D Bags Powered by VpCI® are available in various designs, applications, and capabilities. Available versions include:**

**EcoSonic VpCI®-125 HP ESD 3D Bags** – Unique in their ability to prevent corrosion and ESD damage. These high-performance 3D bags combine multi-metal corrosion protection with strong static dissipative properties to immediately reduce or eliminate static buildup as long they are in use, independent of the presence of humidity. Bags are safe to use and do not contain any harmful Prop 65 ingredients. For information regarding packaging, storage, and performance, please refer to the PDS at <https://www.cortecvci.com/products/ecosonic-vpci-125-hp-permanent-esd-film-bags/>





# 3D Bags Powered by VpCI®

**EcoSonic VpCI®-125 HP ESD PCR 3D Bags** – EcoSonic® VpCI®-125 Static Dissipative Film and Bags with up to 30% post-consumer recycled content. For information regarding packaging, storage, and performance, please refer to the PDS at <https://www.cortecvci.com/products/ecosonic-vpci-125-pcr-hp-permanent-esd-film-bags/>

**VpCI®-126 3D Bags** – Combine the latest film technology with effective corrosion protection. Metal parts packaged in Cortec® VpCI®-126 Blue receive continuous protection against salt, excessive humidity, condensation, moisture, aggressive industrial atmospheres, and dissimilar metal corrosion. VpCI-126 3D Bags are made from best selling anticorrosion PE film in the world, with the highest level of corrosion protection demonstrated by standard and internal corrosion test methods. For information regarding packaging, storage, and performance, please refer to the PDS at <https://www.cortecvci.com/products/vpcis-for-basic-metals-industries/vpci-126-blue/>

**VpCI®-126 HP UV Shrink 3D Bags** – Combine VpCI®-126 technology, high-strength resins and ultraviolet light stabilizers (UV). Multi-metal protection for parts, equipment, and vehicles for up to three years, even in aggressive outdoor conditions such as salt air and humid environments, moisture and other. Bags contain unique inhibitors that protect the polymer from UV exposure and prevent degradation. They are ideally suited for transit, staging, and lay-up of critical equipment; including equipment with large void spaces, multiple metals, and complex geometries. For information regarding packaging, storage, and performance, please refer to the PDS at <https://www.cortecvci.com/products/vpci-packaging-products/vpci-126-hp-uv-shrink-film/>

**VpCI®-126 HP UV Shrink Film PCR 3D Bags** – High strength resins with ultraviolet light stabilizers (UV) and VpCI® Technology. Developed with a high amount of post-consumer recycled content. For information regarding packaging, storage, and performance, please



refer to the PDS at <https://ecocortec.hr/eng/VpCI-126-HP-UV-Shrink-Film-pcr>

**EcoCorr® 3D Bags** – Made from Eco-Corr Film®, biodegradable, compostable corrosion inhibiting film that contains Cortec's proprietary VpCI® Technology and provides excellent contact, barrier, and vapor-phase corrosion protection for ferrous and non-ferrous metals. EcoCorr® 3D Bags will disintegrate into carbon dioxide and water within 2-3 months in a commercial composting environment. Certified industrially compostable by TÜV Austria (#TA8012206603). For information regarding packaging, storage, and performance, please refer to the PDS at





# 3D Bags Powered by VpCI®

<https://www.cortecvci.com/products/vpci-packaging-products/eco-corr-biodegradable-vpci-film-patented/>

**EcoCorr® ESD3DBags** – Biodegradable and compostable, high performance anti-static, corrosion inhibiting bags for use in the protection of static sensitive multi-metal items such as electronics. They contain permanent anti-static properties to immediately reduce or eliminate static buildup as long as the films or bags are in use, independent of the presence of humidity. Eco Works® ESD films will fully biodegrade into carbon dioxide and water within a matter of weeks. For information regarding packaging, storage, and performance, please refer to the PDS at <https://www.cortecvci.com/products/biocortec-sustainable-environmentally-friendly-resources/eco-corr-film/>

**EcoWorks®, 3D Bags** – 3D Bags made from range of formulations, not a single product and can be customized to your precise needs. Designed with the environment in mind, Eco Works® 3D Bags contain renewable raw materials ranging from 5 – 45%, depending upon the formulation. When placed in a typical commercial composting environment bags will fully biodegrade within a matter of months. There is no ecotoxicity to the soil, plants, or microorganisms involved in this process. Bags made from Eco Works® are shelf stable and will not degrade prematurely until placed in a proper composting environment.

**EcoWorks® ESD 3D Bags** – Contain renewable raw materials ranging from 5 – 45%, depending upon the formulation as well as anti-static properties, which reduce or eliminate static buildup. Designed to replace traditional low density and high density films, Eco Works® ESD is suitable for industrial uses. All Eco Works® ESD formulations are certified compostable per ASTM D6400 and EN 13432 and by Biodegradable Products Institute with BPI/USCC logo. Recommended for packaging of static sensitive components where triboelectric charge generation is concern such as integrated circuits, printed circuit boards, PCB components, telecommunications equipment, electronic and electrical panels, and enclosures. For information regarding packaging, storage, and performance, please refer to the PDS at <https://www.cortecvci.com/products/biocortec-sustainable-environmentally-friendly-resources/ecoworks-biodegradable-compostable-films-bags/>

## HIGH LEVEL OF CORROSION PROTECTION

Metal parts packaged in 3D Bags Powered by VpCI® receive continuous protection against salt, excessive humidity, condensation,



moisture, aggressive industrial atmospheres, and dissimilar metal corrosion. The VpCI's vaporize and then condense to metal surfaces in the enclosed package. VpCI® will reach every area of your part, protecting its exterior as well as hard-to-reach interior surfaces. You get complete product protection during storage as well as during domestic and overseas shipments, virtually eliminating any rust claims. VpCI®-films are among best selling anticorrosion PE film in the world today, with the highest level of corrosion protection demonstrated by standard and internal corrosion test methods.

## RECYCLABLE & ENVIRONMENTALLY CONSCIOUS

Cortec® is committed to providing the most environmentally sustainable products in the industry. In addition to being fully recyclable, 3D Bags Powered



# 3D Bags Powered by VpCI®

by VpCI® offer versions made with up to 30% recycled content; further improving the environmental footprint of this product.

## METALS PROTECTED

- Aluminum
- Galvanized Steel
- Carbon Steel
- Silicon Steel
- Stainless Steel
- Copper
- Brass
- Cast Iron

## SIZES

EcoSonic® ESD 3D Hoods powered by Nano-VpCI® are available in custom made sizes.



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