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**Attention: Editor**  
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**PRODUCT RELEASE**



## Cortec's Powerful VpCI®-126 HP UV Shrink Film

### Unstoppable Multi-Metal Corrosion Protection Even in Aggressive Outdoor Conditions!

It is predicted that the shrink film market will rise at a compound annual growth rate of more than 6% through the year 2029, owing chiefly to lifestyles with an increasing reliance on packaged goods. A best seller from the EcoCortec® plant, Cortec's patented, state-of-the-art, VpCI®-126 HP UV Shrink Film combines high strength resins with ultraviolet light stabilizers (UV) and Vapor phase Corrosion Inhibitor (VpCI®) Technology. This shrink film provides multi-metal





protection for parts and equipment for up to three years even in aggressive outdoor conditions. Unlike some preservation films that rely on white pigments to reflect UV light, VpCI®-126 HP UV contains unique inhibitors that protect the polymer from UV exposure and prevent degradation. VpCI®-126 HP UV is translucent and can be applied in numerous applications. It is ideally suited for transit staging and lay-up of critical equipment; including equipment with large void spaces,

multiple metals, and complex geometries. It is an excellent replacement for conventional rust preventatives such as oils and desiccants, leaving equipment ready to use with no additional cleaning and/or degreasing necessary. This will save our customers valuable time and money. VpCI®-126 HP UV Shrink Film, in conjunction with other Cortec® products, provides a turnkey preservation solution for long-term storage. Metal parts packaged in VpCI®-126 HP UV Shrink Film receive continuous protection against salt air and humid environments, moisture, aggressive industrial atmospheres, and dissimilar metal corrosion. The VpCIs vaporize and diffuse to every area of your part, condensing on all metal surfaces within the enclosed space; protecting its exterior, as well as void spaces and recessed areas.

**Features:**

- Multi-metal corrosion inhibition providing contact, barrier, and vapor phase protection.
- Will shrink using a wide variety of shrink tools, including electric and propane heat guns
- Recyclable and non-hazardous



## Protection of Wind Turbine Shafts, Rings, and Hubs

A major Spanish wind energy component manufacturer makes shafts, rings, and hubs for wind turbines and continuously ships them all over the world from various locations in Spain. They experienced problems with corrosion and needed a system that would protect the components from corrosion for two to five years in indoor and outdoor conditions. The components were first given a thorough cleaning with VpCI®-415 (dilution in water) as needed to remove any dirt or grime. After drying, the most sensitive metal surfaces were coated with VpCI®-368 D removable coating at 50-75 µm (2-3 mils) wet film thickness using a roller. Finally, each element was wrapped and heat shrunk in either VpCI®-126 HP UV Shrink Film or MilCorr® VpCI® Shrink Film, depending on length of protection needed. The



components were shipped out along with VpCI®-414 as part of a complete kit to clean off VpCI®-368 D at the destinations when required. After testing Cortec® VpCI® materials, the customer ultimately decided to incorporate them into their new wind turbine projects to avoid corrosion problems from the past and commented on how easy the system was to apply.

## Green Solutions - Latest Developments in Corrosion Inhibiting Environmentally Responsible Packaging

The European EcoCortec® plant is located in Croatia and specializes in production of sustainable corrosion protection packaging under the license of its mother company, Cortec® Corporation. It has been promoting safe, environmentally sustainable packaging solutions for more than 15 years. The plant offers films, papers, and bags—mostly made from recyclable or renewable/biobased materials. VpCI® Film has already had a large impact on making corrosion protection more environmentally responsible by reducing the need for traditional hazardous rust preventatives. From highly effective film and foam technology to premium custom converted papers, the EcoCortec® plant exports its wide range of products all over the world.



*To learn more about VpCI®-126 HP UV Shrink Film, please visit:*

[https://www.cortecvci.com/Publications/PDS/VpCI-126\\_HP\\_UV\\_Shrink\\_Film.pdf](https://www.cortecvci.com/Publications/PDS/VpCI-126_HP_UV_Shrink_Film.pdf)

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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.