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PRESS RELEASE



Custom VCI Shrink Film Opens New Doors of Opportunity for Metals Packaging in Automated Heat Shrink Tunnels

What if the same automated heat shrink wrapping used for neatly packaging a new board game, a box of breath mints, and countless other consumer items could be combined with corrosion protection for industrial metals packaging? Cortec® has opened the door to that possibility with a new custom version of VpCI®-126 Shrink Film for automated heat seal or heat shrink tunnels.

The Standard Shrink Wrap Concept

[VpCI®-126 Shrink Film](#) is typically used for heavy duty packaging of industrial equipment and assets being prepared for shipping or storage. Vapor phase Corrosion Inhibitors (VpCI®) in the film form a protective molecular layer on metal surfaces inside the package to protect the metals from rusting. Standard VpCI®-126 Shrink Film is designed to hold up against wear and tear in industrial export or layup conditions. It is therefore bulky and must be applied manually. On the other end of the shrink film packaging spectrum, consumer goods that undergo automatic



heat shrinking are packaged in very delicate films and typically do not require corrosion protection. Somewhere in between these two extremes are smaller industrial components made of metal that could benefit from both corrosion protection and automated packaging.



Overcoming Shrink Wrap Obstacles, Outperforming Competitors

Such was the case for a company trying to package industrial equipment oil filters in their automated heat seal tunnel. The filters required corrosion protection because of their metal casing—especially since some would be shipped overseas to Southeast Asia. However, the generic VCI (Vapor Corrosion Inhibitor) film they were using was constantly causing problems because it would not seal correctly. The VCI bags kept opening up, forcing the customer to frequently rerun the filters through the heat seal tunnel and throw away a huge amount of plastic waste.

Since normal VpCI®-126 Shrink Film would have been too bulky to run through the automated heat-seal line, Cortec® produced a custom version of VpCI®-126 Shrink Film tubing that was compatible with the automatic equipment. The trial run went beautifully—the bags remained sealed and the customer did not have to stop the packaging equipment until there were no more oil filters to bag. The film sealed quickly and easily, with the option of shrink-wrapping if desired. As a result of the successful trial, the customer decided to adopt VpCI®-126 Shrink Film for all of its VCI film packaging needs.

An Exciting Step Forward for Metals Packaging

Cortec's customization of VpCI®-126 Shrink Film for heat shrink and heat seal tunnels is an exciting advance in the field of metals packaging. Combining the benefit of corrosion inhibiting film with automated heat tunnels streamlines the packaging and quality assurance process so end users can receive metal parts ready-to-use in compact packages without even having to worry about corrosion. What seemed like an insurmountable obstacle of adapting standard VpCI®-126 Shrink Film to automated heat seal tunnels suddenly became a reality thanks to Cortec's vision and determination to tackle the problem.



This accomplishment opens the door to new possibilities for those with similar challenges. Now that Cortec® has found a way to adapt VpCI®-126 Shrink Film to the automated heat shrink process, it only waits to be seen how other manufacturers can benefit from the discovery. If you know of a custom metals shrink film packaging application in need of corrosion protection, contact Cortec® for more details on running a trial of VpCI®-126 Shrink Film: <https://www.cortecpackaging.com/contact-us/>

HIGH PERFORMANCE VpCI® PACKAGING

VpCI®-126 Shrink Film
 High Technology Vapor phase Corrosion Inhibiting Film
 Patented Worldwide
 Multimetals VpCI Systems

DESCRIPTION
 Cortec VpCI-126 Shrink Film combines the latest
 technology with the most effective corrosion
 protection for all your metal products. Sealing
 over product, VpCI-126 Shrink Film provides a multi-
 layer of protection from rust, air, water, moisture,
 and salt. Available in 2 mil or 3 mil thicknesses for
 protecting your product in VpCI-126 or VpCI-126-3 mil.

FEATURES
 • Minimal expansion: 40% before stretching, constant,
 below, and after phase inversion.
 • Excellent clarity: provides excellent visibility during
 inspection of metal parts.
 • Will shrink evenly in both vertical and horizontal
 dimensions.
 • Excellent fit: no wrinkles, no voids, no air.
 • Film: 100% polyethylene non-toxic.

METALS PROTECTED
 Cortec VpCI-126 Shrink Film
 provides corrosion protection against all common
 ferrous, non-ferrous, reactive, aggressive materials
 listed below. For details on all corrosion, see the
 Upper Phase Corrosion Inhibition Systems and
 Multimetals VpCI Systems in the enclosed
 package. VpCI-126 Shrink Film is available in 2 mil or
 3 mil thicknesses. No get-in-place product. Printed on curing
 shrinkage. See technical data sheet for more details.
 • Aluminum
 • Carbon Steel
 • Copper
 • Inconel
 • Lead
 • Magnesium
 • Monel
 • Nickel
 • Stainless Steel
 • Titanium
 • Zinc

SIZE
 Cortec VpCI-126 Shrink Film is available in a standard size
 of 20' x 40' x 3000' rolls. Also available in 20' x 40' x 1000'
 Cortec VpCI-126 Shrink Film is available for other sizes and
 materials.

SHIELD LIFE
 The shelf life of VpCI-126 film is 2 years.

STORAGE
 Cortec VpCI-126 Shrink Film is available in a standard size
 of 20' x 40' x 3000' rolls. Also available in 20' x 40' x 1000'
 Cortec VpCI-126 Shrink Film is available for other sizes and
 materials.

CONTACT
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