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Attention: Editor

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PRESS RELEASE



Cortec® VCI Plastic Recycling Service Exemplifies 'Circular Economy' in Action!

As the U.S. plastic bag industry seeks to increase the percentage of recycled content in shopping bags to 20 percent by 2025 for greater sustainability, Cortec® Corporation is already far ahead in the field of VCI (vapor corrosion inhibitor) packaging. More than 20 years ago, Cortec® patented the technology for making anti-corrosion film using recycled plastic resin. Today, Cortec® continues to lead the market with a vibrant recycling program that produces VCI film (under the distinguishing VpCI® brand) with up to 20 percent recycled film content, a level at which Cortec® can ensure the quality of the new product.



VpCI® Films and Bags Recycled into Reprocessed Resins for Use in Extrusion and Converting Downstream.

On average, Cortec® regularly manufactures its popular VpCI®-126 film with 15 percent pre- and post-consumer recycled content, significantly outpacing recent [ARPBA milestone goals](#) of reaching 10 percent



recycled content shopping bags by 2021 and 15 percent recycled content bags by 2023. Moreover, Cortec® achieves this in a specialized market that helps industries protect metals from corrosion during shipping or storage. Cortec's VpCI®-126 film can be extruded and converted into many different formats and sizes depending on the needs of the end user—from the manufacturer who wants to protect a small metal gear in a VpCI®-126 Top-Seal (zippered) bag, to the plant manager looking for an easy way to preserve a large industrial asset in VpCI®-126 film during storage or shipment.

Cortec® has been able to minimize its own plastic film waste for decades by recycling in-house VpCI®-126 scrap at its Cortec® Advanced Films (CAF) plant in Cambridge, Minnesota. Several years ago, Cortec® was able to extend this recycling opportunity to a major off-road equipment assembly plant that receives engine components from dozens of suppliers across the U.S. and the world. After assigning a Six Sigma Black Belt to study the proposal, the manufacturer adopted the recycling program and eliminated its outdated specification of adding oil to VpCI®-126 packaging, since testing showed no impact on corrosion protection.



Cortec® Advanced Films in Cambridge, Minnesota, world's largest integrated VpCI®/VCI compounding, extrusion, converting and recycling plant



Used VpCI® Films Returned from Customers Ready for Recycling.

This in itself saved the customer several hundred thousand dollars per year by reducing chemical liability insurance costs, allowing them to reuse corrugated plastic liners that previously had to be disposed due to oil contamination, and letting them participate in Cortec's recycling program. Because the VpCI®-126 bags are also no longer oil-contaminated, the customer bales them and sends them back to CAF for reprocessing into

new film. Cortec[®] pays shipping costs and gives the customer credit in return. “Their suppliers’ garbage is now a revenue stream for their plant,” explained Mike Gabor (Cortec[®] VP Sales, Eastern North America), who played an important role in launching the recycling program.



Despite inevitable challenges, the firm commitment of both parties to make the program work has helped them to establish a true “circular economy,” which is not as easy as it is popular. The result is that CAF is helping save hundreds of thousands of pounds of plastic from the landfill or incinerator and transform it into quality new product while reducing carbon footprints for both companies.



Ecocortec[®] the First Croatian Bioplastics Plant located in Beli Manastir, Croatia is also Europe’s Largest VpCI[®]/VCI Films Extrusion, Converting and Recycling Center.

The same recycling service is available for European customers at Cortec’s EcoCortec[®] plant in Beli Manastir, Croatia. In addition to being the first Croatian bioplastics plant, EcoCortec[®] is home to Europe’s largest VpCI[®] film extrusion, converting, and recycling center. Access to this recycling service in the heart of Europe is a huge advantage to EcoCortec’s customers that no competitor can match.

With the recycling program’s success and CAF’s and EcoCortec’s capacities to implement even more recycled content into its VpCI[®] film, all that Cortec[®] needs now is for more customers in the U.S. and Europe to sign up for the benefits of the recycling program!

Contact Cortec[®] to learn more about becoming a recycling partner and request a recycling partnership evaluation:

<http://cortecrecycling.com/>

Read Cortec’s full VpCI[®] Recycling Case History here:

https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch661.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. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122