



**CORTEC**  
CORPORATION

*Environmentally Safe VpCI®/MCI® Technologies*

# VpCI® Plastic Recycling Service





## **An Economical, Environmentally Responsible Recycling Partnership**

Cortec® Corporation manufactures recyclable VpCI® films that are used across the globe to protect metal parts and equipment from corrosion during storage and shipping. Cortec's VpCI® film has already had a large impact on making corrosion protection environmentally friendly by reducing the need for traditional hazardous and cumbersome rust preventatives. Cortec's film is fully recyclable, which allows Cortec® to incorporate recycled VpCI® film back into the manufacture of new films, while still achieving good quality VpCI® performance and reducing scrap waste at the plant.

Cortec® reprocesses VpCI® film scrap and incorporates the "repro" back into the virgin film at up to 20 percent, a level at which Cortec® can ensure quality of the new product. Cortec® has expanded its film reprocessing program to allow customers to send their VpCI® film wastes back to Cortec®, creating a win-win-win situation for customers, Cortec®, and the environment. Instead of paying thousands of dollars for disposal, customers can now send used VpCI® bags to Cortec®, who pays shipping and gives customer credit in exchange for the benefit of having an additional source of repro. Both customer and manufacturer demonstrate environmental responsibility and reduce their carbon footprint in the process. The program will save tens of thousands of dollars and tens of thousands of pounds of plastic annually.



### Cortec® Advanced Films: Cambridge, Minnesota (USA)

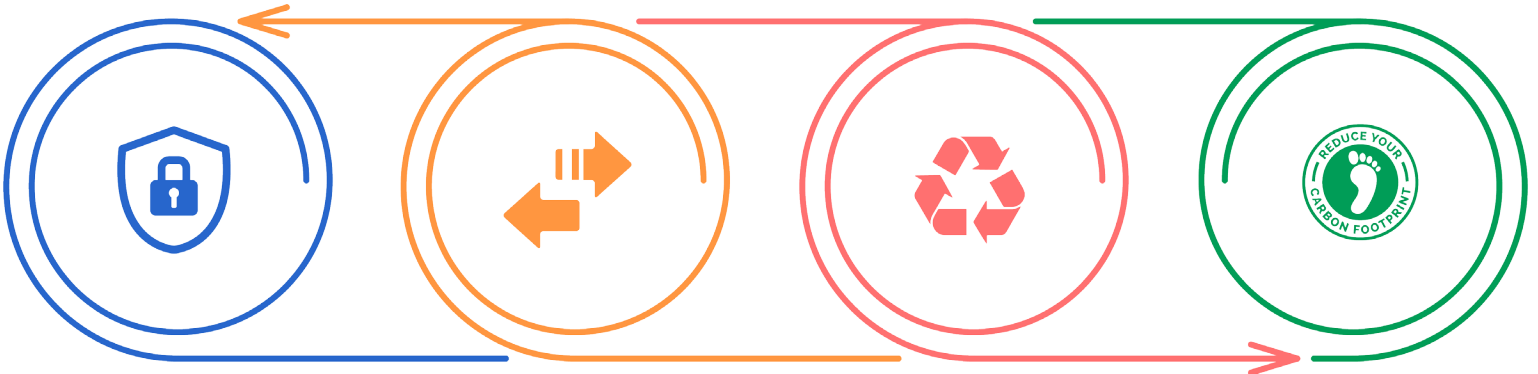
Following the acquisition of its Cambridge, Minnesota, plant in 1997, Cortec® Advanced Films (CAF) has become the largest VpCI® film extrusion plant in the world, increasing production by at least five times. Throughout its history, CAF has regularly practiced recycling and reprocessing of its VpCI® film scrap. In March 2017, CAF officially launched its new customer recycling partnership program by using state-of-the-art equipment to start reprocessing 12,000 pounds (5,443 kg) of used VpCI® plastic film reclaimed by a major heavy industry manufacturer.



### EcoCortec®: Beli Manastir (Croatia)

Since 2006, EcoCortec® has been utilizing innovative green technologies that provide its customers with economically beneficial solutions and are environmentally safe. With its new recycling program, EcoCortec's team is taking this commitment to an even higher level, hoping that the initiative will be an example for other manufacturers to follow in opting for sustainable technologies. The plant has recently created a plastics recycling center which will use state-of-the-art reprocessing equipment to serve EcoCortec's growing customer base. This new recycling program will lead to huge economic and environmental benefits for the plant, its clients, and the environment.

## How the VpCI® Recycling Process Works



**Suppliers and manufacturers use VpCI® bags for corrosion protection.**

*Many suppliers and manufacturers use Cortec® VpCI® film and bags to protect metal components from corrosion during storage or while shipping parts to other locations.*

**End users bale VpCI® film and send to Cortec®.**

*Customers compact the used VpCI® film (to minimize shipping costs) and send it back to Cortec®. Cortec® pays for shipping, and the customer soon recovers the cost of the bailer by eliminating waste hauling costs and earning Cortec® purchasing credits.*

**Cortec® recycles VpCI® film and bags and turns them into new products.**

*CAF (North America) and EcoCortec® (Europe) create new, quality VpCI® film by reprocessing used VpCI® film and adding it back into the virgin film at up to 20 percent.*

**Cortec® and customers reduce carbon footprint and strengthen an environmentally friendly relationship while saving money.**

*Cortec® estimates that it will save its first recycling partner \$10,000-\$20,000 USD per year, and reclaim potentially 50,000 pounds (22,680 kg) or more of plastic from the landfill.*

## Major customer benefits:

- Eliminate waste hauling costs
- Create a revenue stream for customers whose suppliers use Cortec® VpCI®
- Decrease plant expenditures through reprocessing credits
- Reduce carbon footprint

Cortec® field representatives will conduct an audit of potential recycling partners to determine viability of the reprocessing program.





## Quality Management System (ISO 9001 Certified)

World Class Product Offerings  
An innovative producer of leading edge products.

World Class Customer Service  
A positive, long-lasting impression through every link of our company.

World Class Environmental Commitment  
Cortec® commits to continued development of processes and products that are useful, non-hazardous to the environment, and recyclable whenever possible.

An Ethical and Respectful Company Culture  
Respect and treat our colleagues, customers, and vendors as we would our own family members.



## Environmental Management System (ISO 14001 Certified)

Cortec's strong environmental concern is demonstrated in the design and manufacturing of products that protect materials of all kinds from environmental degradation. A strong commitment to produce recyclable products made from sustainable resources has been and will be our future policy. This brochure can be recycled.



## Laboratory Accreditation (ISO/IEC 17025)

Cortec® Laboratories, Inc. is the only lab in our industry that has received ISO/IEC 17025 Certification, which ensures quality in recording and reporting data, as well as calibrating equipment within the laboratory.



## LIMITED WARRANTY

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4119 White Bear Parkway, St. Paul, MN 55110 USA  
Phone (651) 429-1100, Fax (651) 429-1122  
Toll Free (800) 4-CORTEC, E-mail [productinfo@cortecvci.com](mailto:productinfo@cortecvci.com)  
[www.CortecVCI.com](http://www.CortecVCI.com)

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