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Minimizing Plastic Waste:

Recyclable and Compostable Films and Bags from EcoCortec®

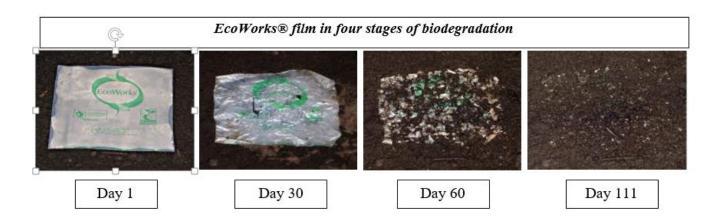
One of the best ways to minimize environmental impact of increasing plastic waste is to use bags that are recyclable or compostable. Most plastic bags are manufactured from polyethylene, a product of natural gas or petroleum. While highly convenient, these bags pose a huge pollution problem if they are not properly disposed. This has become an increasing global problem and it is our responsibility to address this issue and find solutions and alternatives.





Recyclable and compostable films and bags are produced at EcoCortec[®] in Beli Manastir. The plant also hosts a VpCl[®] film recycling program.

EcoCortec's bioplastic and anti-corrosion film plant is a leader in environmentally responsible corrosion control solutions in Europe. The plant manufactures recyclable VpCI® brand bags for corrosion protection of metals, as well as basic Eco Works® films and bags that can be used for checkout bags, lawn and leaf bags, organic waste diversion, and other industrial and commercial uses. When placed in a typical commercial composting environment, these patented Eco Works® films and bags will fully biodegrade within months. Eco Works® is made from resin certified by BPI (international Biodegradable Products Institute, Inc.) to be compostable in municipal and industrial composting facilities according to ASTM D 6400 (BPI certificate #890974-6). Eco Works® also contains an annually renewable biopolymer derived from plant sugars. Eco Works® is shelf and curb stable and is available in Eco Works® 10 and Eco Works® 30 versions, containing 10% and 30% biobased polymers.



Customers who opt for VpCI®-126 film and bags for corrosion protection purposes can send bags back to EcoCortec® after use to reprocess into new film at up to 20% recycled content. The customer receives a credit and EcoCortec® receives an additional source of "repro." This provides a resourceful method for diverting thousands of pounds of waste from the landfill annually, helping both manufacturer and end user reduce their carbon footprint. Another option for minimizing the impact of plastic packaging is to use compostable bags such as Eco Works® that can biodegrade without harming the surrounding environment. Incorporating biobased content increases sustainability by drawing on a renewable resource. Eco Works®



Used VpCI® anti-corrosion bags collected from a major off-road equipment manufacturer ready for recycling at Cortec® Advanced Films in Cambridge, Minnesota.

films can be curtailed to meet the requirements of the application ranging from flexible to rigid films. Eco Works® film is also manufactured for the USA market at Cortec® Advanced Films in Cambridge, Minnesota.

There are a variety of ways to be an environmentally responsible consumer. Eco Works[®] film and bags are one of the options Cortec[®] offers for more sustainable plastic bag use via a compostable material with biobased content.

To learn more about Eco Works®, please visit:

https://www.cortecvci.com/Publications/PDS/Eco Works.pdf

To learn more about Cortec's recycling program for VpCI® film, please visit:

http://cortecrecycling.com/wp-

content/uploads/2017/07/Recycling Brochure.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