



Eco Works™

Biodegradable & Compostable Films & Bags, Patent Pending

PRODUCT DESCRIPTION

Eco Works™ Biodegradable & Compostable Films and Bags are specifically designed to replace LDPE, LLDPE and HDPE films used in a wide variety of applications ranging from protective industrial films, retail packaging and agricultural films to high performance organic collection bags with drawstring closures. Eco Works has properties superior to traditional non-biodegradable plastics without sacrificing biodegradability or compostability.

COMPOSTERS

This latest advancement in biodegradable plastic technologies offers composters a lower cost, more effective means of organic waste collection while maintaining adherence to domestic and international compostability standards including ASTM D 6400-99, DIN V 54 900, DIN CERTCO, OK COMPOST, BPI and BPS.

Unlike starch-containing bags, Eco Works can hold wet, hot organic material for weeks to months without any change in physical properties, allowing greater flexibility for compost collection programs. Eco Works is the strongest biodegradable bag available and even offers additional convenience features such as the world's first biodegradable drawstring closure.

INDUSTRIAL and AGRICULTURAL

Eco Works technology can replace nearly every polyethylene based protective industrial film on the market, including anti-stat, bubble, masking, water-retention/weed suppression, corrosion inhibiting, and barrier films. Eco Works offers adjustable physical properties like moisture vapor transmission rate, puncture resistance, elasticity and tear strength. Additionally, Eco Works can be combined with VpCI technology allowing this state-of-the-art industrial film to eliminate oils and inferior nitrite-based corrosion inhibitors.

RETAIL & FOOD PACKAGING

As compostability and environmental image become more and more important, Eco Works offers a very marketable and responsible alternative to most films used in retail storage, shipping, display and packaging. Films such as checkout bags (t-shirt and flat), food sleeves and pouches, produce bags and display bags are ideal Eco Works applications. Additionally, Eco Works Compostable Bags are available in retail packs.

FEATURES

- 100% Biodegradable & Compostable
- Contains NO POLYETHYLENE
- Leaves no residue in finished compost
- Superior strength, shelf-life and curb-life
- Appearance comparable to HDPE
- Contains annually-renewable, biobased polyester
- Biodegrades at the same rate as common organic material
- Conversion to CO₂ and H₂O in weeks under commercial composting
- Ideal for restaurants, schools, curb-side programs and agricultural uses
- Drawstring adds crucial convenience for compost program participants
- Conforms to ASTM D 6400-99, DIN CERTCO, DIN V 54 900 and others
- Manufactured by Cortec Corporation
- Strict adherence to ISO 14001 and ISO 9001-2000 guidelines
- Available throughout the world



TECHNICAL INFORMATION

Eco Works is a blend of high-performance and naturally derived polyester technologies that conforms to domestic and international standards for compostability.

The time needed for Eco Works to biodegrade is based on the conditions during its disposal phase. Under typical commercial compost conditions, visual change will occur in Eco Works products within a few days and complete conversion to carbon dioxide and water within weeks—well within the timeframe required for certification.

Upon disposal in compost conditions, common microorganisms digest Eco Works and carbon dioxide and water are released. Eco Works does not harm the microorganisms, affect plant growth and it does not leave any harmful residue behind.

Prior to disposal, Eco Works has excellent moisture resistance, heat resistance, shelf-life and curb life. Since microorganisms are the means of biodegradation, Eco Works will retain its high-performance characteristics until it is composted.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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