



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

Eco Wrap®
100% Compostable per ASTM D6400/
EN 13430 in commercial facilities



Eco Wrap® , Patented, US Patent #11,718,076

World's First Certified Compostable Industrial Strength Stretch Film

DESCRIPTION

Eco Wrap® is a specialty certified compostable wrapping film made with certified compostable resin plus a tackifier additive. Eco Wrap® is designed to run on existing stretch film equipment by simply adjusting the tension setting. Eco Wrap® users can benefit from material/waste reduction in the following ways. First, most applications requiring three wraps of standard film can use two wraps of Eco Wrap® without sacrificing strength or protection. Second, Eco Wrap® is commercially certified compostable* and may avoid tariffs, fines, and tip fees in areas where polyethylene is prohibited or restricted. Eco Wrap® is shelf and curb stable and will retain its integrity until disposed of properly.

PACKAGING & STORAGE

Available in 1.5 mils (38.1 microns) thickness as 20" (50.8 cm) or 30" (76.2 cm) widths as individually boxed rolls or cradle packed pallets.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

HIGH PERFORMANCE PACKAGING



FEATURES

- Certified industrially compostable by TÜV Austria (#TA8012106218)
- Meets EN 13432/ASTM D6400 standard for commercial composting
- Works on most existing automated machines
- Ideally suited for general machine stretch wrapping applications
- Extremely elastic

BENEFITS

- Uses less material without sacrificing strength
- Reduces conventional plastic waste
- Improves user's environmental image

APPLICATION

Eco Wrap® is a great stretch film alternative to conventional polyethylene films for shipping and storage applications. It can be used anywhere a stretch film is needed. Eco Wrap® is easily applied by adjusting (typically increasing) the tension on standard automatic "stretch wrapping" equipment.

**This product is intended to be composted in a commercial composting facility operated in accordance with best management practices. Check locally to see if such a facility exists in your community and if they will accept this product. Not suitable for backyard composting.*

Eco Wrap®, Patented, US Patent #11,718,076

TYPICAL PROPERTIES

Mechanical Properties

Property		Test Method	Units	Test 1
Caliper		ASTM D6988	mil(μm)	1.50 (38.1)
Breaking Factor	MD	ASTM D882-02	lbs/in (N/m)	10.27 (1799)
	CD			8.22 (1440)
Tensile Strength at Break	MD	ASTM D882-02	psi (kPa)	6347.00
	CD			5133.00
Elongation at Break	MD	ASTM D882-02	%	566.68
	CD			901.97
Yield Strength	MD	ASTM D882-02	psi (kPa)	3271.19
	CD			1044.73 (7203.16)
Drop Impact Resistance		ASTM D1709-04, Test Method A	grams	418.20
Puncture Resistance	Out-side	MIL-STD-3010, TM 2065	lbf (gram force)	4.46 (2,023.01)
	Inside			5.24 (2,376.81)
Tear Strength	MD	ASTM D1922-06A	(mN)	1,993.39
	CD			5,273.86
Coefficient of Friction		ASTM D1894	static	0.53
			kinetic	1.60
Cling Peel		ASTM D5458-95	gf/in (gf/cm)	30.54 (11.81)



Typical values represent average laboratory values and are intended as guides only, not as specifications.

4119 White Bear Parkway, St. Paul, MN 55110 USA
 Phone (651) 429-1100, Fax (651) 429-1122
 Toll Free (800) 4-CORTEC
 productinfo@cortecvc.com
<https://www.cortecvc.com>
<https://www.cortecpackaging.com>



LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec® Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC® CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.