



**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

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

## Eco Wrap® , Patent Pending World's First Compostable Industrial Strength Stretch Film

### DESCRIPTION

Eco Wrap® is a specialty 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 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

- Meets ASTM D6400 standard for commercial composting
- Works on most existing automated machines
- Ideally suited for agricultural export shipments (e.g., hay bales)
- 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®, Patent Pending

## 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 (43,761.02)
	CD			5133.00 (35,390.79)
Elongation at Break	MD	ASTM D882-02	%	566.68
	CD			901.97
Yield Strength	MD	ASTM D882-02	psi (kPa)	3271.19 (22,554.06)
	CD			1044.73 (7203.16)
Drop Impact Resistance		ASTM D1709-04, Test Method A	grams	418.20
Puncture Resistance	Outside	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.**



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