

## Introducing Daubert VCI Films with BioNatur Plastics®

The only **TRULY** biodegradable polyethylene VCI film.

Daubert VCI Films with BioNatur are the only polyethylene VCI films that rapidly biodegrade in landfills into natural elements without forming harmful chemicals or microplastics. They are 100% Landfill biodegradable AND 100% Recyclable!

Daubert VCI PE films with BioNatur biodegrade in landfills into soil, water, and gases. They do not break down into harmful microplastics that contaminate the water system and find their way into the food chain. The addition of an additive engineered by our partners at BioNatur Plastics turns the polyethylene in our films into a digestible food source for microbes and bacteria that only exist in anaerobic conditions (such as a municipal waste landfill).



**Advantage:** Whether you want to recycle used film or dispose of it in a landfill, Daubert VCI films with BioNatur are designed to suit your needs. Since most plastics in the U.S. end up in landfills, this characteristic is highly beneficial.



**No Microplastics:** Daubert VCI films do not breakdown into harmful microplastics or chemicals that might harm the environment.



**No Special Conditions Needed:** Does not require expensive polymers that must be separated and sent to a composting facility.



**Faster Breakdown:** Biodegrades within a few years, unlike conventional PE film, which takes centuries and may never disappear.



**Long Shelf Life:** “Oxo” degradable and some compostable VCI films start to break down in storage or in use. Daubert VCI films with BioNatur will not break down until they are disposed of in a landfill.

## Daubert VCI Films with BioNatur are the only 100% Landfill biodegradable AND 100% Recyclable VCI PE Films

- Completely stable until buried in a landfill
- Meets EU Directive on Packaging and Packaging Waste
- ASTM D5511 testing has shown 99.7% biodegradation in 1,697 days (<5 years) under anaerobic conditions.
- ASTM D5526 testing demonstrates up to 36.6% biodegradation in 391 days under landfill conditions.

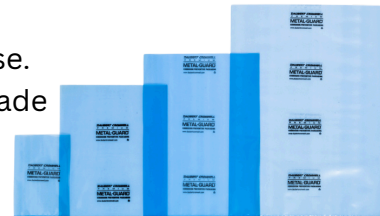


## Daubert VCI Films with BioNatur Plastics® do it all!

### 100% Landfill Biodegradable AND 100% Recyclable

Daubert VCI Films are the same high performing, high quality, corrosion inhibiting films that have led the market for decades, with one notable improvement: **they are now biodegradable in a landfill.**

- ASTM tests show films have biodegraded 99.7% in 1,697 days (<5 years).  
Biodegrades in 8-12 years in a landfill.
- Stable until buried in a landfill. Won't break down on the shelf or while in use.
- Biodegradable even when using recycled materials: recycled film can be made biodegradable, so when the plastic finally does go to the landfill, it will biodegrade.



	Available with Min. 30% Recycled Content*	Recyclable	OEM Approved	RoHS	REACH	TRGS 615	CA Prop 65	TL8135
<b>Premium Metal-Guard</b> Ferrous & non-ferrous: Steel, cast iron, brass, copper, galvanized, nickel, tinplate	✓	✓	✓	✓	✓	✓	✓	✓
<b>Clear Pak 5000</b> Ferrous metals, steel, aluminum	✓	✓	✓	✓	✓	✓	✓	✓
<b>Clear Pak BIO</b> Bio-based VCI - non-nitrite, amine-free		✓	✓	✓	✓	✓	✓	✓
<b>Silver-Guard®</b> Silver, gold, platinum		✓	✓	✓	✓	✓	✓	N/A
<b>Ferro-Film™</b> Ferrous metals: steel, cast iron	✓	✓	✓	✓			✓	✓

\* Recycling Option Available: Premium Metal-Guard RC and Clear Pak RC, made with 30% recycled content and BioNatur, offer an alternative for those prioritizing recycling.

**CLEARPAK® 5000 RC**

**PREMIUM  
METAL-GUARD RC**



Daubert VCI PE films with BioNatur biodegrade in landfills into humus, water, and natural gases, without forming harmful microplastics.

## Daubert VCI Films with BioNatur Plastics do it all!

### SUSTAINABILITY SERIES

Clean, Effective, Environmentally Friendly  
VCI Packaging and Rust Removers for Industry