



Sustainability Initiatives

When Sustainability Is Your Business

You've made sustainability a cornerstone of your business model. Like you, your customers are increasingly focused on reducing their environmental impact. It makes sense—for the planet AND for your business.

You want to partner with suppliers who share your passion.

North American Plastics & Chemicals hears you.

We are proud to highlight TruBio™, our line of photodegradable bags. TruBio is made with ECOgrade, a breakthrough sustainable material that reduces greenhouse gas by 35%.

TruBio's ECOgrade Solution

- **80% natural materials:** Unitized complex polymeric materials
- **Fully photodegradable:** Breaks down in 240 days (compared to 400 years for conventional plastics)
- **Recyclable:** Compatible with regular plastic recycling and municipal waste systems
- **Lower carbon footprint:** Removes 30% of plastic compared to traditional can liners
- **A Noramco exclusive:** TruBio bags are manufactured in the United States by Noramco, using a proprietary process.

Because versatile TruBio bags are designed to fit the four most common receptacle sizes, you—and your customers—can stock fewer bag varieties and buy only what you need.

Demonstrate your leadership in the sustainability market by making Noramco a core part of your industrial supply offering.



Ready to order a free sample and conduct our quality check? Scan the QR code with your smart phone to fast-ship your set of free samples.

Noramco trash can liners are manufactured in the United States by North American Plastics & Chemicals, Inc.

216.531.3400 www.noramcobag.com

TRUBIO
Better Products for a Better Future



NORTH
AMERICAN
PLASTICS &
CHEMICALS,
INC.

TruBio testing: Accelerated degradation

Exposure

- Fully degrades in 240 days of sun exposure, per ASTM Standard Practice for Outdoor Exposure D5272 and ASTM D5208 Standard Practice for UV Exposure (accelerated)
- ECOgrade resin tested with reference to U.S. Food and Drug Administration (FDA) 21 CFR 177.1520(c) 2.1 for food contact

Before UV Exposure

- Tensile strength
- Machine direction: 56.0 kg/cm²
- Transverse direction: 32.02 kg/cm²
- Elongation
- Machine direction: 175.0 kg/cm²
- Transverse direction: 243.0 kg/cm²

After UV Exposure

- Not possible to carry out tensile and elongation tests
- Samples became brittle due to UV Degradation

Source: Ministry of Chemicals & Fertilizers, Q-Guindy, Chennai, India



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At Noramco, our goal is to be an easy partner that readily supports your commitment to sustainability. From our easy sizing guides to our eco-friendly products, our customer-centric sales team and our new Noramco Partner Program, we've got you covered!

Sustainable Products Features & Benefits

TruBio bags are available in clear, black, and green in the following capacities:

12-16 Gallon



20-33 Gallon



40-45 Gallon



55-60 Gallon



We offer a variety of eco-friendly liners, including:

- **Recycled Series:** Strong and durable; uses less virgin plastics, reducing costs; certified for recycled content
- **TruBio (fully photodegradable):** Degrades in 240 days; reduces carbon footprint; lower carbon emissions when incinerated

High-Quality Customer Service

Supporting you with what you need, and not what you don't.

- Experienced and committed team
- Precision and quality assurance
- Streamlined processes for consistency
- Customer-centric approach
- Reliability you can trust



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NEW!



The Noramco Difference

Introducing our Noramco Partner Program

Our Partner Program supports our distribution partners with ongoing education and resources to help them market and sell the most effective Noramco products for their customers.

Noramco provides ongoing distributor/customer support in the following areas:

- Product training
- Marketing support
- Customer service
- Customizability
- Private labeling
- Competitive pricing