



Boston

Delhi

Taiwan

Economics Meeting Ecology™

www.gxtgreen.com



End the debate – Paper or Plastic GXT Green Can Help

Each year billions of discarded plastic shopping bags end up as litter in the environment. Plastic bags can take up to 400 years to decompose. As they slowly decompose, plastic bags break into pieces and leach toxic chemicals into soils, lakes, rivers, and oceans. Paper bags require four times as much energy, generate 70% more air pollutants, and create 50 times more water pollutants than in the manufacture of plastic bags. Companies are always looking for cost effective ways to be better citizens. GXT ECOgrade™ low impact degradable bags are the solution.

GXT ECOgrade™ Degradable Bags

Consumers' purchase decisions are becoming increasingly influenced by the environmental impact of a company's products. ECOgrade Certified degradable bags provide a responsible solution to the bag problem. They use fewer resources, start breaking up in 40 days and completely degrade within 240 days of exposure to sunlight. They continue to biodegrade at end of life, leaving no toxins behind.



Why ECOgrade™ Bags?

- ✓ Easy high visibility green initiative to implement
- ✓ Priced the same or less than plastic Bags
- ✓ Approved for recycling with other plastic bags
- ✓ Use 15% less energy than plastic bags, 84% less energy than paper, and 94% less water than paper in the manufacturing process
- ✓ Produces 34% less greenhouse gas in pre-production
- ✓ Produces 42% less greenhouse gas at disposal if incinerated

Demonstrate Your Environmental Leadership with GXT Green

ECOgrade bags are just one of the many economically viable sustainability solutions from GXT Green. All of our products are sustainable, solve critical needs, cost the same or less and perform as well or better than the products they replace. If your company doesn't currently have a comprehensive and cost-effective sustainability strategy – call us and we will help you implement one.

GXT Green helps the corporate community with sustainability solutions. We are dedicated to providing carbon mitigation strategies, products & the infrastructure for companies that want to enhance their brand.

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Consumer Marketing Messages to Build A Retail Business Advantage

- ◆ We keep you at the forefront of sustainability
- ◆ Finally, the *right* answer to the “paper, plastic or reusable” question: ECOgrade bags are made from Calcium Olefinic Glucosate, use 15% less energy and degrade if littered or lost
- ◆ More sanitary than reusable bags
- ◆ No need for customers to carry bags with them to the store
- ◆ May be recycled with plastics
- ◆ If littered, these bags will degrade within 240 days of exposure to sunlight
- ◆ Cost about the same as plastic bags



20 days - black spots evidence of degradation



60 days - substantial degradation



90 days - severe degradation



240 days - bag is completely degraded

GXT Green and ECOgrade are award winners year after year:

2011- **BusinessGreen** Consultancy of the Year Finalist



2012 - **MassTLC** Consumer Product of the Year Winner



2013 - **Best in Biz Awards International Silver Medals:** Consumer Product of the Year, Most Innovative Product of the Year; Massachusetts **Chamber of Commerce:** Winner, Business of the Year; **SBANE:** Innovation Award Finalist; **Boston Business Journal:** All-Star Innovation Product of the Year

2014 - **Ethical Corporation Responsible Business Awards:** Sustainability Commercialized and Best Small to Medium Enterprise Shortlist

