

H.E.D.TM BAGS. DEGRADABLE. RECYCLABLE. PROFITABLE.



Plastic T-shirt bags are the most convenient, cost effective way for shoppers to transport purchases home from stores. While most bags are disposed of properly, reused, or recycled through sustainability efforts like Hilex Poly's Bag-2-Bag[®] recycling program, some bags unfortunately become unwanted pollution.

Hilex Poly has the solution. The H.E.D. bag, a unique plastic T-shirt bag that is designed to degrade in as few as eight weeks if littered and exposed to oxygen and sunlight. Because there are no heavy metals or methane gas emissions in this process, litter and potential hazards to wildlife are reduced.

H.E.D. bags are made from the same HDPE plastic used in traditional T-shirt bags. But, unlike compostable bags, they also contain an environmentally preferred additive that accelerates the degradability of the bag and allows them to be recycled and the plastic reused in new bags.

It's a natural solution to unwanted pollution that allows shoppers and retailers to continue enjoying the lightweight, cost-effective convenience of plastic bags.



843.857.4800

A NATURAL, INNOVATIVE SOLUTION TO UNWANTED POLLUTION.

H.E.D. Bags: Big benefits from today's material science

Innovation at Work

Plastic bags may seem low tech, but Hilex Poly is applying the latest in material science to ensure its T-shirt bags are not only the best means of transporting purchases, they're safe for the environment as well. Our new degradable and recyclable H.E.D. bag is the result.

So what makes the bags degrade? It starts with a harmless trace additive that causes the bags to begin to disintegrate when exposed to oxygen and sunlight. If a bag is littered, the degradation process can take as few as eight weeks. Wind and heat accelerate the process.



A Note About Testing

Hilex Poly's H.E.D. bags have undergone rigorous independent tests on degradability by independent test laboratory, Advanced Materials Center, Inc., Ottawa, IL, using ASTM methodology. We have conducted identical QUV testing at our laboratory in Garland, TX, which yielded the same results. We continue to test this innovative bag solution, and welcome your requests to discuss our findings.

Hilex Poly Co., LLC

101 E. Carolina Avenue
Hartsville, South Carolina 29550

www.HilexPoly.com

843.857.4800

Performance

Hilex Poly H.E.D. bags can be custom printed and are available in a range of sizes and fit standard T-shirt bag racks. And they're just as strong as traditional T-shirt bags, for safe and secure transportation.

Because H.E.D. bags are degradable, there are some shelf-life considerations. In front-end applications, their shelf life is four months. H.E.D. bags stored in a sealed carton have a shelf life of more than two years. If not used within these timeframes, they can be recycled into new bags.

More Environmental Benefits

Hilex Poly uses only water-based inks, unlike many import bags made with solvent inks. H.E.D. bags can contain high levels of recycled content, with colored bags (buff, blue, gray) potentially containing 25 percent or more. And, H.E.D. bags are recyclable through Hilex Poly's Bag-2-Bag program.

Using H.E.D. bags in your stores also can create goodwill among shoppers and community leaders. Green initiatives that deliver true value are appreciated and rewarded.

**BETTER BAGS.
BETTER WORLD.**



HILEX

Bagging & Film Solutions

We encourage you to learn more about plastic bags and the environment by visiting: www.thetruthaboutplasticbags.com