

# durabubble 360

oxobiodegradable bubble packaging



- Contains up to 20% recycled content
- No mixed materials such as Nylon
- Contains no heavy metals or toxins

bubble

DURABUBBLE 360 IS A 100% BIODEGRADABLE & RECYCLABLE\* PROTECTIVE PACKAGING SOLUTION. WHETHER DISCARDED IN A CONTROLLED OR UNCONTROLLED ENVIRONMENT, THE PRODUCT WILL DEGRADE INTO SIMPLE MATERIALS FOUND IN NATURE, THE SAME AS ORGANIC MATERIALS. THE RESULT IS ONLY WATER, CARBON DIOXIDE AND LESS THEN 1% NATURAL BIOMASS WHICH CONFORMS TO THE STANDARDS SET UNDER ASTM # D6954-04. USING OUR DRP TECHNOLOGY FOR STRENGTH AND FLEXIBILITY, THE DURABUBBLE 360 FEATURES AN UNMATCHED ABILITY TO TIGHTLY WRAP THE CONTOURS OF PRODUCTS, REGARDLESS OF SHAPE AND SIZE; PROTECTING EDGES AND SHARP CORNERS FROM DAMAGE. DURABUBBLE 360 IS PUNCTURE RESISTANT, AND IS MADE WITH NON-SLIP POLYETHYLENE FILM TO PROVIDE HIGH QUALITY PROTECTION.

## KEY FEATURES

### FEATURES

### ADVANTAGE

### BENEFITS

Oxo-Biodegradable Product - Sustains a **Product Usage Life** of 18 to 24 months

The most environmentally friendly alternative for short cycle usage

Will degrade in all environments including controlled and non-controlled landfill, dumps and natural settings

Degrades within 12 to 24 months after **Product Usage Life Span** (see above)

Oxo-biodegradable material after it's usage "life" span will Biodegrade within 12 to 24 months

This ensures that the material will fully degrade from any controlled or non-controlled environment that the product is put in.

Meets or Exceeds the requirements for Oxo-Bio Degradability under ASTM D6954-04

Proven to be Environmentally Friendly and Free of all toxins and heavy metals at the end of degradation

Substantiated evidence and testing shows that no hazardous materials are left over

100% Recyclable prior to the on set of degradation\*

Environmental Friendly - alternative to discarding during product usage life span stream with no impact to the process.

In the first 18 to 24 months the product can be put waste into the recycling



Cradle 2 Cradle

Using up to 20% Recycled content - Environmentally friendly

Under our ISO 9001 Certification we use up to 20% Post Industrial Recycled material that would normally be diverted to a landfill

Identifiable Green Color

Makes product more identifiable while maintaining translucency

Unique color delivers your Green Message with every roll - translucency ensures products identification and bar code scanning

Polyair's DRP Technology

Durabubble RP Superior Strength and Stretch capability

Maximum product protect over the life span of the product to help prevent damage and reduce costs.

Tacky Film Surface

Product does not move or slide when packed or during shipment

Protects against potential damage, reducing claims and costs

Excellent Air Retention

Bubble does not go flat

Reliable protection through short cycle shipments

ISO 9001 Certification

Quality Products Guaranteed - ensuring consistency and quality every time

Our ISO Certification ensures guidelines and processes for Quality Control and Production

CFC Free/Non-Toxic

Ozone friendly

Conforms to United Nations Protocol to reduce CFC Emissions - helping to eliminate toxic gases that deplete the ozone layer.

\* Product can be recycled during its **Product Usage Life** (18 to 24 months) which is prior to the onset of degradation - #4 LDPE recycle code.

\*\* All product packaging will be labeled with a best before date.

## ENVIROSAFE SOLUTION

Polyair, in partnership with EPI (Environmental Products Incorporated - the pioneer and industry leader of Oxo-Biodegradable TDPA), have transformed our protective packaging into the ultimate EnviroSAFE Solution for Sustainability. The Bio360 Technology allows all of our Durabubble 360 Products to Biodegrade anywhere organic material can degrade.

Our Durabubble 360 products are environmentally friendly as they can be disposed of in a variety of ways:

- ◆ Prior to the onset of degradation (first 18 to 24 months) the product can be 100% recycled as a #4 LDPE and it will not harm the traditional recycling waste stream.
- ◆ At any time during the life span of the product or into the degradation period, the product can be discarded into the traditional waste stream and will degrade in landfill conditions just like organic materials.
- ◆ Should this material blow away or not make it to a controlled waste management center, the environment around us will oxo-biodegrade the material leaving behind no trace of the material and creating a Litter Free Environment.

Polyair's Durabubble 360 is environmentally sensitive by insuring that the formulation and TDPA uses NO Heavy Metals or Toxins to fragment the plastic into a form that micro organisms can consume the same as an organic material. EPI's TDPA additive raw material components are G.R.A.S. List Products (Generally Recognized As Safe). The additive itself meets all criteria outlined in ASTM D6954-04 for Oxo-biodegradation standards. Durabubble 360 products ensure that when the material is reabsorbed into the environment through biodegrading that absolute no toxins or metals are left behind. All that gets left behind is water, carbon dioxide and a natural biomass (less than 1%).

Polyair - an industry leader in Degradable Protective Packaging - ensures and substantiates claims that the product you are getting meets or exceeds those ASTM Standards listed herein.

## TARGET MARKETS

Target markets include: Single Use, Finite Shipping Cycle, Electronics, Automotive, Ceramics/Giftware, Furniture, Dental, Pharmaceutical, Fulfillment, eCommerce.

## AVAILABLE SIZES - durabubble 360

PRODUCT	THICKNESS (inches)	BUNDLE LENGTH (per foot)	48" BUNDLE (sq. feet)
OBS	3/16"	750'	3000
OBM	5/16"	375'	1500
OBL	1/2"	250'	1000

## ADDITIONAL durabubble 360 PRODUCTS

- Handi-Pak → Easy to use, shelf ready sizes
- Box-a-Bubble → For shipping dock and wrapping stations
- E-Z Seal Pouches → Save on labor and prevents damages
- Retail Rolls → UPS able size rolls to save on courier shipping



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