



Biodegradable and Recycled air pillows for void-fill packing – Environmentally-friendly and system-matched for guaranteed performance

The AirPouch® Express 3™ Void-fill System produces strong, durable air pillows that provide protection while reducing packing and shipping costs. Only AirPouch pillows offer our exclusive EZ-Tear™ Perforations, which allow quick and easy pillow separation for highly productive, ergonomic handling. These specially designed perforations also allow more air into each pillow, providing a better yield and a lower cost per cubic foot. Biodegradable and Recycled air pillows are an eco-friendly alternative to traditional poly packing materials.

Biodegradable DuraClear™ 2000 (EGDC) is a linear low density polyethylene that contains a proprietary additive that causes biodegradation of the poly in nine months to five years, depending on exposure conditions. Material performance properties and shelf life remain in tact, as biodegradation only occurs when in contact with other biodegrading material, such as the conditions found in landfills, home and commercial composting. EGDC pillows biodegrade in both aerobic (with the presence of free oxygen) and anaerobic (without the presence of free oxygen) conditions.

Recycled RGT film is made with recycled bag and pillow material. It is designed to provide a cost-effective alternative to other sustainable products when color uniformity is a secondary performance requirement. RGT is fully opaque and offers good durability.

Both EGDC and RGT pillows offer excellent printing characteristics, and come in easily recognizable green shades for end-user awareness. Like all polyethylene materials, EarthAware™ pillows can be repeatedly recycled.

User Benefits

- Biodegradable and Recycled materials offer cost-effective, sustainable packing material alternatives
- Exclusive EZ-Tear Perforations are packer-friendly and designed for improved efficiency and ergonomics
- Better air retention and improved yield reduce cost per cubic foot
- Convenient, fan-folded, boxed material reduces storage requirements
- Dust-free air pillows are cleaner and more lightweight than other packing products
- Continually recyclable

Technical Specifications

Available sizes: 8 and 10 inches wide in various standard lengths

Other film types available: DuraClear™ LLDPE and Anti-static

Printing: Stock printed with the EarthAware logo for end-user awareness

Unit of measure: 4,000 (1.5 mil) or 3,000 (2.0 mil) linear feet of material per box; 24 boxes per pallet

Performance Data (EGDC):

| | U/M | 1.5 mil | 2.0 mil |
|-------------------------------------|-------|---------|---------|
| Puncture Resistance (Dart g) | grams | 233 | 310 |
| Tensile Strength MD | psi | 4631 | 4332 |
| Tensile Strength TD | psi | 3700 | 3664 |



Test data reflects EGDC material only. Above chart reflects nominal test values. Actual results may fluctuate due to inherent process variation. Certain minimum purchase volumes may apply. The additive used in EGDC/biodegradable film has been tested by independent laboratories in accordance with standard test methods approved by 2.0/SD, ISO, and other such standardization bodies, and has been approved for marketing as biodegradable and safe for the environment. This product does not meet ASTM D6400-04, which is specifically for the labeling of plastics designed to be composted in municipal and industrial aerobic composting facilities. RGT/recycled film is made with pre-consumer recycled bag material.

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