



Pregis

Protective Packaging Solutions



AIRSPED EP-FLEX™ RENEW™ VALUE PROPOSITION

Renew air pillow film contains a special and precise blend of ingredients that allow for microbial biodegradation. Providing the same quality performance characteristics as the standard EP-Flex film, EP-Flex Renew is tough, 100% recyclable and contains pre-consumer recycled content.

EP-Flex Renew uses a proprietary additive in the manufacturing process, attracting microbial communities found in landfills and composting environments to accelerate product biodegradability.



Features and Benefits:

Special bio-additive helps address environmental concerns.

AirSpeed pillows are an environmentally responsible choice compared to peanuts, crumpled kraft paper, molded foam and air pillow alternatives; recyclable category #4.



Environmentally sensitive solution with superior operational performance. Customers receive the same quality products they are accustomed to, while positively impacting the environment.

Results:

- Film biodegrades.
- Reduces solid waste in landfills.
- Extends the projected useful life of landfills.
- Less plastic diverted to the waste stream.
- 20% - 50% less resin content than alternative films - overall source reduction in packaging materials used.
- Bulk pack option eliminates cartons and reduces the amount of pallets and cores used.
- Just like the **standard EP-Flex**, EP-Flex Renew is stronger and more durable than competitive films.
- Greater puncture resistance than standard films.
- Excellent tensile strength - EP Flex Renew pillows stretch while others puncture.
- Engineered for stronger, more resilient seals.

AN ENVIRONMENTALLY RESPONSIBLE OPTION

EP-Flex Renew contains a natural organic bio-additive that accelerates biodegradation of the film. Unlike other environmental plastics in the marketplace, EP-Flex Renew contains no heavy metals or salts, can be transported in high heat and has a longer shelf life than competing options. Heat, light and oxygen are not required for EP-Flex Renew to begin biodegrading in a landfill. EP-Flex Renew will biodegrade in either an anaerobic or aerobic environment.



THINK SUSTAINABILITY, THINK PREGIS

With an ongoing commitment to develop industry leading products and technologies that limit harm to the environment, EP-Flex Renew is an addition to the Pregis "green" family of products whose purpose is addressing the growing need for sustainable packaging alternatives. Environmentally responsible practices are an important part of Pregis' business philosophy.

HOW DOES IT WORK?

- A small amount of bio-additive is compounded with the standard EP-Flex film.
- The bio-additive attaches itself to the molecular polymer chains that form the plastic so that it is evenly dispersed throughout the plastic.
- After plastic is disposed of in a landfill or compost, microbes attach to the additives in the plastic, digesting and breaking down the structure into biomass and carbon dioxide or methane.
- Depending on microbial environment, complete biodegradation can occur in as little as 440 days.
- Compliant with ASTM D5511-02: Anaerobic biodegradation of plastic materials under high-solids anaerobic digestion conditions. This test simulates a landfill environment.
- Compliant with ASTM D5338: Aerobic biodegradation of plastic materials under controlled composting conditions. This test simulates a composting environment.

EP-FLEX RENEW AND STANDARD EP-FLEX FILMS SUPPORT AIRSPEED VOID FILL SYSTEMS.

A proven high performance film and cost effective solution make the AirSpeed family of products the preferred solution and leading system offering in the industry today.

AIRSPEED® 5000 HIGH SPEED VOID FILL SYSTEM

- Fast! Runs at 75' per minute
- Full functionality, yet quick to load, and easy to operate
- Multiple sizes and grades of market leading film
- Wider, true width film saves money



AIRSPEED® SMART™ COMPACT VOID FILL SYSTEM

- Small, flexible footprint
- Simple start/stop operation
- Perfect for small or decentralized work stations
- Reliable with minimal wear items



AIRSPEED® DELIVERY SYSTEMS

- Designed for optimal ergonomics and operational efficiency.



Contact Pregis protective packaging solutions:
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www.pregis.com

