



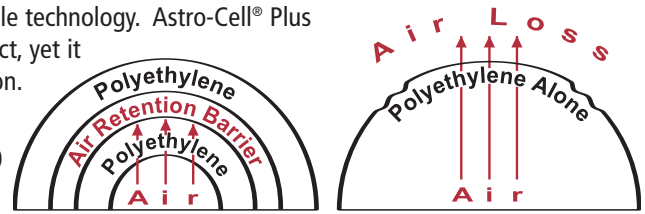
Pregis offers a complete line of strong, flexible and lightweight air cushioning products to meet all your protective packaging needs.



Pregis offers the newest in Barrier Bubble technology.

Pregis offers the superior performance of **Astro-Cell® Plus** barrier bubble technology. Astro-Cell® Plus cushioning costs the same as the Astro-Cell® "LD" mono extruded product, yet it is stronger, lighter, more flexible and provides better cushioning protection.

While air cellular packaging material is customarily made with single-ply polyethylene, **Pregis employs a thin, co-extruded barrier that is 100 times more resistant to the passage of air** than even a thick, single layer of polyethylene. The result is a packaging material that retains its air and cushioning power much longer and under greater pressure, than competitive, non-barrier bubbles.



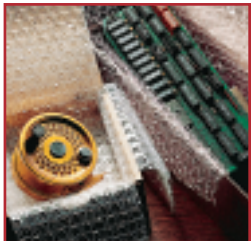
VOID FILL AND VOID FILL/CUSHIONING



Lightweight, clean and flexible, Pregis air cushioning materials offer a smart alternative to loose fill. When wrapped around products and used for void fill, Pregis air cushioning provides high-performance protection. And because it's transparent, product identification is instant and easy.

Astro-SupraBubble® Air Cushioning

- Designed for fragile or heavy products that have extended storage and shipping cycles
- Special barrier film with a thicker center layer of co-extruded nylon, offers superior strength and vapor barrier characteristics
- Provides exceptional air retention and long-lasting protection without adding bulk or weight
- Meets or exceeds the performance criteria of Federal Specification PPP-795D



Astro-Cell® Plus COEX Barrier Air Cushioning

Pregis has the latest equipment and technology employed to make a co-extruded barrier bubble that is 100 times more resistant to the passage of air.

- Astro-Cell® Plus barrier bubble is ideal for intermediate shipping and storage cycles of light or medium weight, moderately-valued products.
- Lower manufacturing and shipping costs.
- An environmental plus - requires less raw material (source reduction).
- Easier wrapping and stuffing - Lighter more flexible material conforms better to odd shapes.
- Meets or exceeds the performance criteria of Federal GSA Specification CID AA-549E



Astro-Cell® Air Cushioning

- Commercial grade mono air cushioning material designed for the majority of industrial needs
- Economical protection for lighter weight products with relatively short storage or shipping cycles
- Made with LLDPE resins, which provide puncture resistance, exceptional elongation and tensile strength

SURFACE PROTECTION



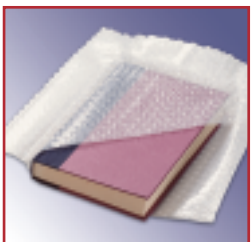
Surfaces that are easily scratched or damaged deserve added surface protection. While these products stick firmly, they peel off easily without leaving a residue.

Adhesive-Coated Air Cushioning Bubble

- Stick directly to the product
- Provide excellent surface protection against marring, nicks and bumps
- Perfect for a range of applications, from fine furniture to large automotive parts

Cohesive-Coated Air Cushioning Bubble

- Stick to themselves – not the packaged product
- Immobilizes and shields products during shipping or storage
- Ideal for wrapping around hard-to-protect shapes



Speedi-Stik™ Cohesive Air Cushioning Bubble

- Conforms easily to all shapes
- Self-seals without messy tape, staples or heat
- Available in convenient dispenser box, 12" perforations



EZ Bubble-Out® Bags-on-a-Roll

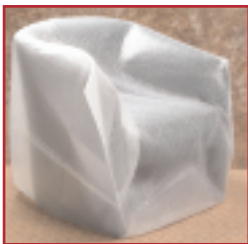
Pregis's EZ Bubble-Out® bags-on-a-roll dispense cushioned bags at the point-of-use for increased productivity — and increased savings. EZ to install, EZ to tear, EZ to load, EZ to close.

- Bags on a perforated roll Makes packaging quicker and easier than carton-packed, loose bags
- Self-seal adhesive lip eliminates wrapping and taping materials and labor
- 3/16" Astro-Cell® air cushioning provides superior cushioning
- Transparent air cushioning makes for easy product identification
- Lightweight roll is easily placed at packaging work area
- Patent pending—Only Pregis can offer EZ Bubble-Out® bags-on-a-roll



Astro-Cell® Bubble-Out® Bags

- Lightweight, flexible protection in bag form
- Self-sealing
- Ideal for interior packaging applications
- Eliminates wrapping or boxing, keeping products visible and reducing overall packaging costs
- Anti-Static also available



Third Web Bubble

- Air cushioning material with a layer of film laminated to the cap side
- Provides extra protection against tears and punctures
- Available in four thicknesses, from 1/8" to 1/2"

COST SAVINGS COMPARISON

When you consider the advantages of Pregis air cushioning products superior protection, featherlight weight, ease of handling, flexibility and clean, dust-free packaging then add lower total shipping costs, you have an outstanding shipping solution.

	PACKAGED w/ KRAFT	PACKAGED w/ ASTRO-CELL®
CARTON	\$0.94	\$0.94
INNER PACKAGING	\$0.42	\$0.36
LABOR	\$0.09	\$0.05
SHIPPING (UPS)	\$6.85	\$6.55
TOTAL	\$8.30	\$7.90
TOTAL SAVINGS		\$0.40



KRAFT



ASTRO-CELL®
AIR CUSHIONING

	PACKAGED W/ LOOSEFILL	PACKAGED W/ ASTRO-CELL®
CARTON	\$0.77	\$0.55
INNER PACKAGING	\$0.22	\$0.11
LABOR	\$0.12	\$0.12
SHIPPING (UPS)	\$2.83	\$2.72
TOTAL	\$3.94	\$3.50
TOTAL SAVINGS		\$0.44



LOOSEFILL



ASTRO-CELL®
AIR CUSHIONING

AIR CUSHIONING DISPENSERS

Pregis makes it easy to integrate air cushioning into your existing packing line with a full line of easy-to-use containers and racks. Each one is designed to neatly dispense the exact amount of cushioning material you need, when and where you want it.



Astro-Pack® Dispenser Cartons

- Available with rolls of Astro-Cell®, Astro-Cell® Plus, Astro-SupraBubble®, Anti-Static Astro-Cell® Air Cushioning
- Each roll is perforated every 12"
- Uses only three square feet of space
- Great for smaller needs within shipping departments or retail outlets



Speedi-Stik™ Dispenser Pack

- Dispenses cohesive coated 3/16" bubble
- Rolls are 11-1/2" wide by 125' long, perforated every 12"



Astro-Pack®-In-A-Box

- Available in Astro-Cell®, Astro-Cell® Plus, Astro-SupraBubble® and Anti-Static Astro-Cell® Air Cushioning
- Convenient carton contains a 48" wide roll, cross-perforated every 12"
- 50" x 24-1/4" carton can be placed virtually anywhere, positioned vertical or wall-mounted
- Perforated punch hole allows easy access to cushioning



Automated Dispensing Systems

Pregis offers an array of systems that can help you boost the profitability of your day-to-day operations. Our easy-to-use automated and semi-automated systems are engineered to improve product performance, increase productivity and control waste.

CELL SIZE APPLICATION GUIDE



VPC - 1/8" CELL
3/8"W x 1/8"H

Surface protection and
Lightweight interleaving



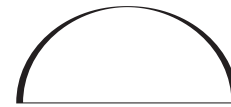
SPC - 3/16" CELL
3/8"W x 3/16"H

Cushioning of
light to medium
weight products



MPC - 5/16" CELL
1"W x 5/16"H

Void-fill or cushioning
of **light to medium**
weight products



LPC - 1/2" CELL
1"W x 5/16"H

Cushioning or
larger void-fill
applications of
light to medium weight
products

Call Pregis today for more information about protective packaging solutions.

877.692.6163

Or visit our web site, www.pregis.com

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