



THE DIFFERENCE IS IN THE BARRIER



AirCap® is made from a co-extruded film with an air retention barrier to seal every bubble against air loss.

POLYETHYLENE

AIR RETENTION BARRIER

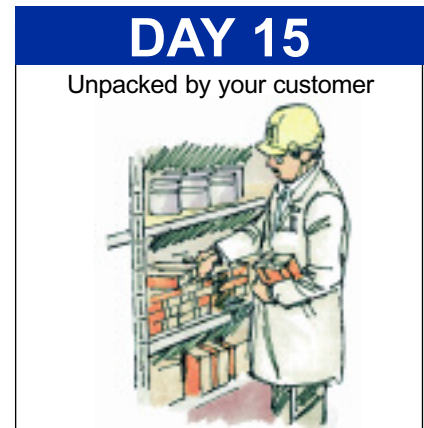
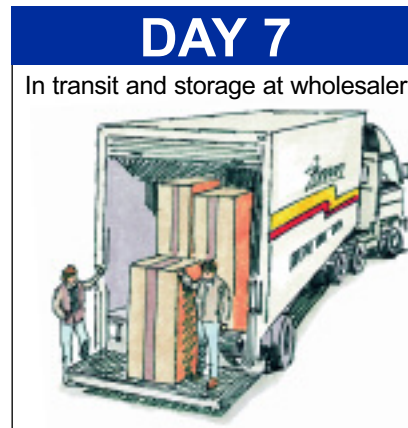
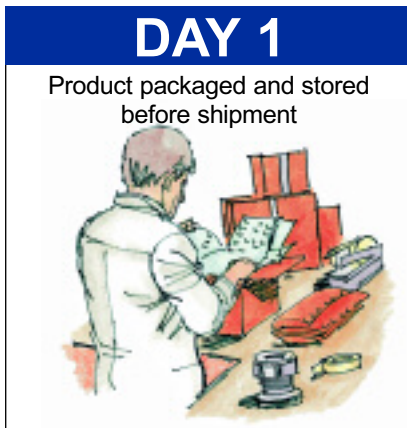
POLYETHYLENE

A complete range of high performance barrier-sealed bubble packaging, ideal for surface protection, cushioning and void fill.

AirCap® Barrier-Sealed Bubble Packaging

Proof that barrier-sealed AirCap® protects your product better than non-barrier bubbles

Consider a 15-day distribution cycle



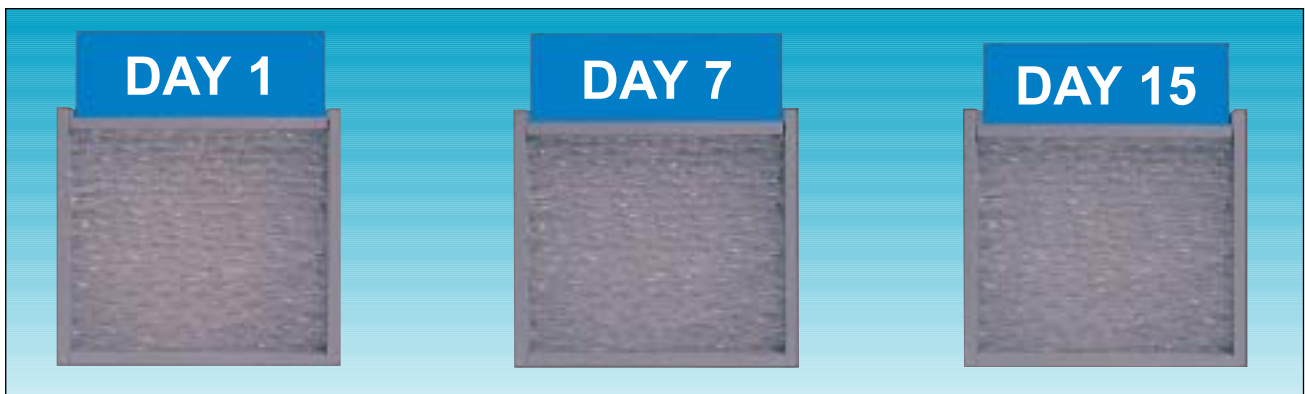
A typical distribution cycle from packaging, storage, transit and unpacking could be 15 days or more. Throughout this time the bubble cushioning is under load and should be protecting your product from shock and vibration.

The 15-day comparison AirCap® versus non-barrier bubble

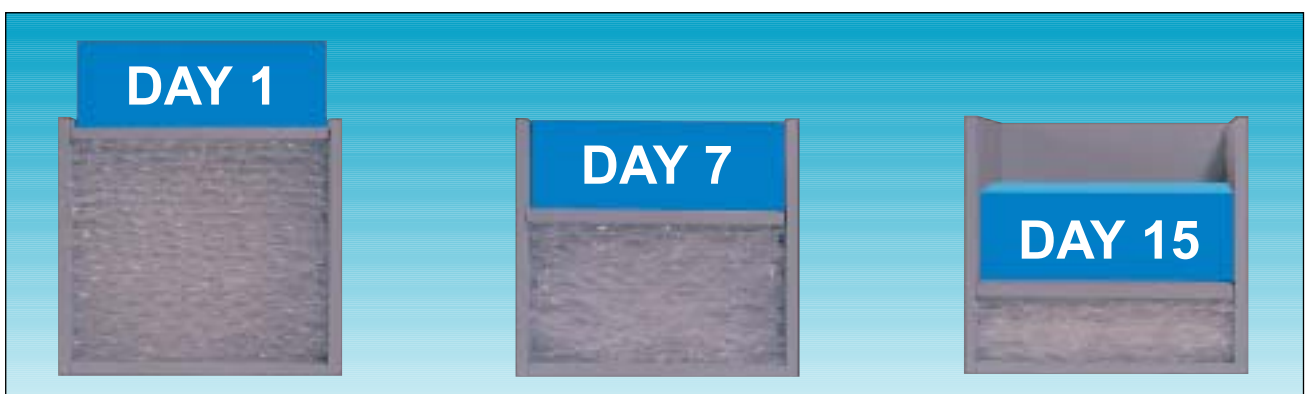
We can compare the air retention capability of barrier-sealed AirCap® with non-barrier bubble under a medium load for 15 days. A number of layers of bubble sheets are placed in the blue test box and a medium load placed on top.

See how barrier-sealed AirCap® resists thickness loss. However, non-barrier bubbles lose over 50% of their thickness – substantially reducing cushioning protection.

Barrier-sealed AirCap® shows minimal thickness loss



Non-barrier bubble loses over 50% cushioning thickness



Why is the air retention barrier important to me?

Cushioning protection

The whole idea of bubble packaging is to use the air trapped inside it as a cushion to protect products from damage. The better bubble packaging can retain air over time, the more effective the protection for packaged products. The ability to retain air is the difference between barrier-sealed AirCap® and non-barrier bubbles. All air cellular packaging is made with polyethylene plastic. However, polyethylene alone offers poor air retention characteristics in a packaging environment, i.e. during the bumps, knocks, vibration, under load and over a period of time. That is why AirCap® is manufactured by co-extruding with a special air retention barrier that is 100 times more resistant to the passage of air than a thicker, single layer of polyethylene. AirCap® bubble packaging has this air retention barrier to actually seal every bubble against air loss. So AirCap® retains its thickness to ensure effective, long-term cushioning performance from packaging, through storage and transit, right up to final delivery.

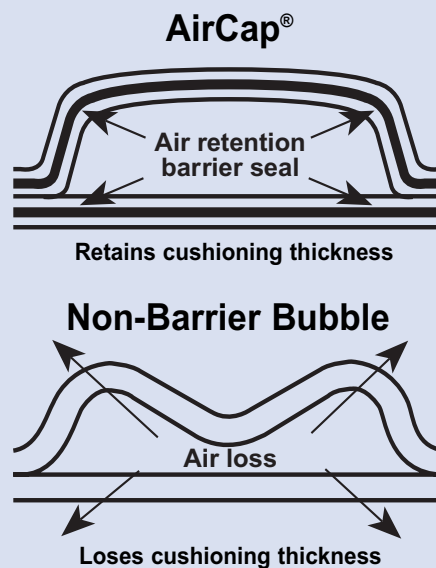
The environmental benefits of AirCap®



Quality Assurance

AirCap® is manufactured under conditions governed by ISO 9002, your guarantee of high standards of production and quality control.

The difference is in the barrier



AirCap® bubble strength

The air retention barrier of AirCap® also gives extra strength to each bubble to provide extra protection to your products.

Source reduction

AirCap® is made with a thinner co-extruded film compared with polyethylene only non-barrier bubbles. This also contributes to source reduction by providing better protection with less plastic material.

Reuseable

The long lasting cushioning performance enables AirCap® to be used many times.

Recyclable

AirCap® can be recycled with other polyethylene materials. PIRA International, the leading UK Packaging Research Organisation, has witnessed the ease with which AirCap® can be recycled to produce a film suitable for a variety of uses.

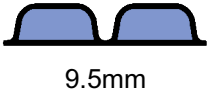
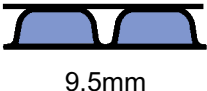




Conclusion

When you specify barrier-sealed AirCap®, you will have the assurance that this bubble packaging has been purposely designed and engineered to retain the air and its protective packaging capabilities. The special air retention barrier seals every bubble against air loss and also gives AirCap® bubbles extra strength. Non-barrier bubbles show performance losses that increase the risk of product damage in transit. Your products deserve the best packaging protection, so insist on barrier-sealed AirCap® by name.

AirCap® Barrier-Sealed Bubble Packaging

Which bubble is right for me?

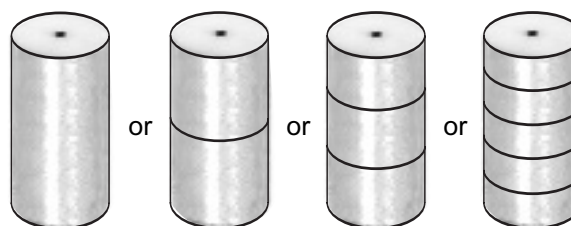
Bubble Type	Bubble Diameter	Nominal Bubble Height	Applications
Small Bubbles: CL Light CM Medium CS Strong	 9.5mm	4.2mm	CL small, light bubble is popular and economical, widely used for surface protection, interleaving and cushioning. CM small, medium bubble offers high-performance surface protection and cushioning for long-term product protection. CS small, strong bubble provides even tougher packaging protection, conforming to Ministry of Defence specifications.
Small Bubble: CL Top	 9.5mm	4.2mm	CL Top is CL small bubble with high density polyethylene (HDPE) film laminated to the top of the bubbles for excellent puncture and tear strength.
TL Large Bubble	 25mm	9.5mm	TL large bubble is very versatile for cushioning a wide variety of products.
Extra-Large Bubbles: DL Light DS Strong	 32mm	12.7mm	DL extra-large, light bubble is designed for void fill and cushioning applications. Roll slit 300mm and 500mm are perforated every 300mm for fast packing. DS extra-large, strong bubble gives high performance cushioning and conforms to Ministry of Defence specifications.

AirCap® roll sizes

Bubble Type	Length (m)	Width (mm)	Area (m ²)
Small Bubbles: CL Light CM Medium CS Strong	100 100 100	1500 1500 1500	150.0 150.0 150.0
Small Bubble laminated to HDPE film CL Top	100	1500	150.0
TL Large Bubble	45	1500	67.5
Extra Large Bubbles: DL Light DS Strong	50 50	1500 1500	75.0 75.0

AirCap® rolls 1500mm wide are available slit into the following standard dimensions:

1 roll 1500mm wide
1 roll slit 2 x 750mm
1 roll slit 3 x 500mm
1 roll slit 5 x 300mm



1 roll
1500mm
wide

1 roll
slit 2 x
750mm

1 roll
slit 3 x
500mm

1 roll
slit 5 x
300mm

You choose the type of AirCap® to best suit your packaging needs



Rolls

Full width rolls or slit.



Perforated Rolls

Give you the convenience of sheets on a roll.



Sheets

Sheets customised to your size requirements.



BubbleBags

Choose from 7 standard sizes, all with self-seal closure.



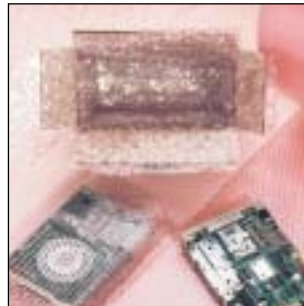
BubblePak™

AirCap® in a dispenser - ideal for small businesses and offices.



AirCap® HandiRoll

Handy-sized rolls for offices, shops and small businesses.



Anti-Static AirCap®

To protect sensitive electronic components from static electricity.



BubbleMask™

Self-adhesive bubble masking for surface protection.

Packaging Value/Cost Analysis

Your Sealed Air packaging consultant will be pleased to provide you with a detailed Value/Cost Analysis of your packaging operation.

This service is designed to identify your packaging needs, enabling us to then make recommendations aimed at improving overall costs and efficiency.

The various types of AirCap® barrier-sealed bubble provide excellent packaging protection. This means that we can often recommend a reduction in the size of your current packages and of course the amount of packaging material needed.

Put us to the test - free of charge

Your packaging needs may be surface protection, cushioning or voidfill. Put us to the test by inviting Sealed Air to carry out a value/cost analysis. Our recommendations could save your company time and money.



Creating World-Class Packaging Solutions

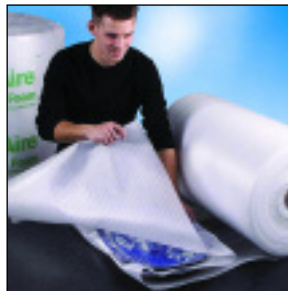
Sealed Air is a leading global manufacturer of a wide range of fresh food, protective and specialty packaging products. Reaching nearly 80 percent of the worlds population, many Sealed Air brands are among the most respected names in their markets.

Our products protect and preserve our customers' products from the plant and warehouse through the rigors of the distribution chain. Many Sealed Air products also provide an appealing merchandising presence for retail display.

Sealed Air's industry-leading investment in research and development and constant focus on World Class Manufacturing principles allow us to continue to deliver innovative packaging solutions that add measurable value to our customers' business around the world.



PriorityPak™
Automated Packaging System



Cell-Aire®
CFC-free polyethylene foam



Fill Air™
On-site air cushioning system



MailTuff™ Cushioned & MailTuff™ Durable Mailers



Cryovac®
Performance Shrink films



Stratocell®
High performance cushioning



Korrvu®
Suspension packaging



Instapak®
Foam-in-place packaging

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