



Penguin Pack®

Temperature Controlled Packaging

Recent times are truly re-writing the way we do business. Almost overnight, ecommerce has become a necessity for the majority of consumers across the globe. Now more than ever, it's critical for items to arrive on doorsteps free of damage - especially when it comes to food deliveries, pharmaceuticals & more.

These items fall within the world of Cold Chain, where time and temperature control are the key to preserving the quality and usability of a product. In order to accomplish this, manufacturers must rely on insulated protective packaging solutions.

Penguin Pack combines metalized film with durable, lightweight bubble cushioning, to protect and insulate goods in a variety of environmental conditions.

Penguin Pack reflects 97% of radiant heat that attempts to penetrate the metalized barrier.

- Reflective properties act as a barrier to heat. Provides high level of light, solar radiation and UV protection.
- Maintains desired temperature to support shelf-life goals and minimize the need for costly rush delivery.
- Provides cushioning properties to prevent damage or movement during shipment.
- Reduces freight cost and minimizes storage space.
- Flexible material conforms around contents, reducing the surface area of the package.
- Made from FDA compliant materials for indirect food contact.
- Low profile design minimizes the package size to use less storage space, reduce shipping cost and decrease discarded packaging materials.

Cold Chain Industry Applications

Meats, baked goods, confections, cosmetics, skin care, chemicals, pharmaceuticals, plants, & vitamins





Penguin Pack is available in a wide range of custom and standard sizes including 3D box liners, gusseted pouches, flat pack pouches and several roll sizes to accommodate your specific size requirement. Available with and without adhesive self-seal for quick closure.

Please contact Pregis to discuss available sizes and configurations.



Pouches



Box liner



Roll stock

Popular Sizes

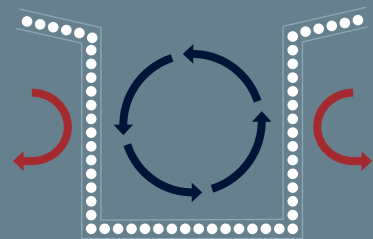
2D Mailers/Pouches	3D Box Liner
6 x 6.5	8 x 8 x 8
8 x 11	10 x 10 x 10
11 x 13	12 x 12 x 12
12 x 17	14 x 14 x 14
18 x 22	16 x 16 x 16

Did you know...?

Most materials absorb about 95% of the infrared radiation that hits them and reflect the rest. The reverse is true for aluminum foil. It absorbs only 5%.

The size & shape of a package matters. If the package contains multiple pieces surrounded by ice packs, it should be packed as small as possible (surface area) to minimize heat absorption – almost like the shape of a cube.

The air temperature inside a truck's trailer is usually warmer than the air outside – by up to 50°F for a trailer sitting in full sun in the middle of a summer day.



Foil barrier reflects radiant heat

Products worth protecting
deserve Pregis

Contact us today!

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