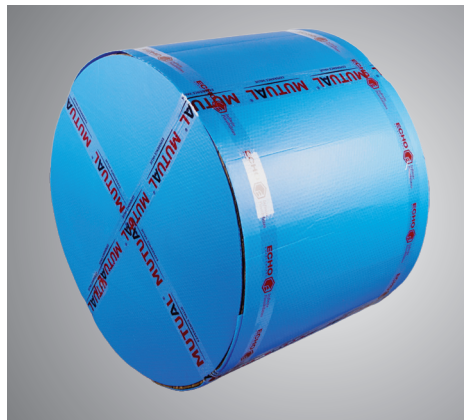


INDUSTRIAL PACKAGING



KEY FEATURES



Can be bent, welded
& thermoformed



Uniform strength
across surface



High load bearing
capacity



Strong & Sturdy



Recyclable

Echo Packaging shield comes with a series of packaging solutions which is made from Bubble guard sheets which are customizable. These packaging units are strong and rigid and can be easily fabricated into boxes & internal fitments. Echo Bubble guard sheets has unique circular honeycomb structure which makes it lightweight, durable, impact resistant and liquid proof, making it an ideal storage solution for various industrial equipment, auto components tools and product parts.

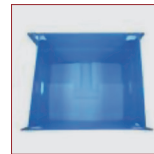
ECHO PACK SHIELD



ECHO Pack Shield Can used to store various industrial tools and Fragile Products; It provides complete protection from any kind of damages while transportation and storage.

Key features:

- Can be bent, welded & thermoformed
- Uniform strength across surface
- High load bearing capacity
- Strong & Sturdy
- Recyclable



ECHO COLLAPSIBLE RETURNABLE UNIT



ECHO CRU provides versatile & Multi-purpose solutions for packaging and storage of all kinds of Goods. Its unique collapsible sleeves makes it cost effective by reducing the logistic cost involved while transportation of Goods. Echo Pallet Shield eliminates the requirement of racks and can be store one above the other which make which makes it space saver too.

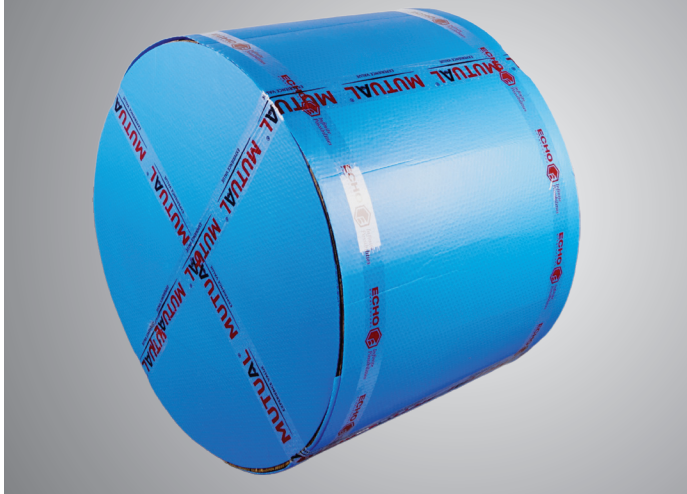
You can make the most of space in the warehouse and in lorries.

Benefits over conventional paper boxes & crates

1. Precise dimensions ensure the most optimum usage of floor space & maximum carrying capacity
2. Walls provide the best strength to weight ratio making it light weight without compromising on superior protection

ECHO COIL SHIELD

SUPER-RESISTANT, ALL-AROUND PROTECTION

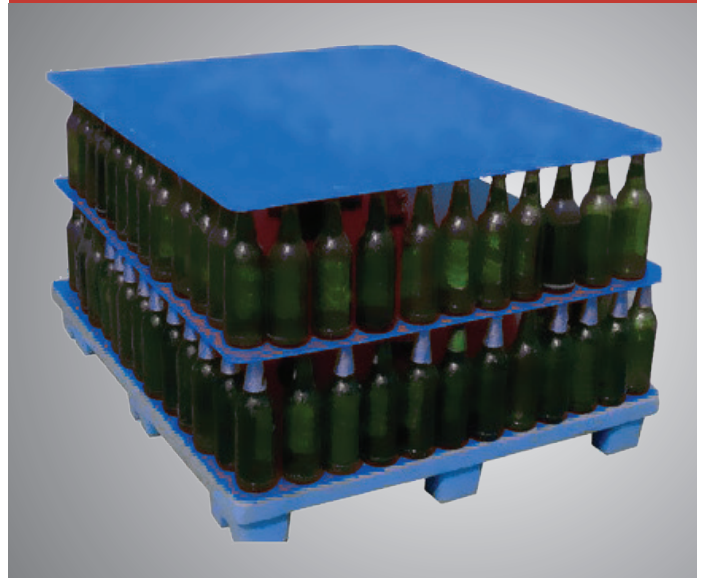


Echo Coil Shield protects the Metal and cable rolls from any kind of damage while storage and material handling. The air-lock technology provides a cushioned protection to prevent damage during handling, stacking and transportation. Being soft and flexible these sheets can be easily wrapped around coils to ensure the safety of your product.

Key features:

- Easy to wrap around
- High impact resistance
- High load bearing capacity
- Lightweight
- Recyclable

ECHO SEPARATORS



The better and smarter way to stack & separate your goods, ECHO Separators are Polypropylene tier sheets that can fulfil industrial and commercial needs in providing protection as partition & separators.

These are cost-effective, light weight, uniform thickness and high load bearing capacity.

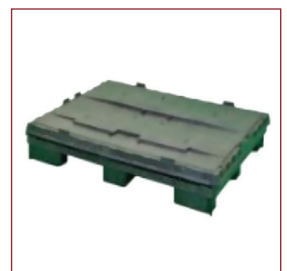
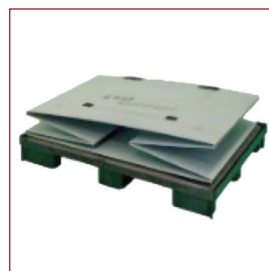
Key features:

- Strong and Sturdy
- Uniform strength across surface
- Customisable with branding
- High load bearing capacity
- Water, humidity and chemical agent proof
- Lightweight and durable

3. Durability & reusability equals the most cost-effective solution and higher savings
4. Made from 100% PP that is completely water-proof, UV resistant, heat resistant, chemical resistant ensuring protection in all industrial environments
5. 100% recyclable sleeves so you can replace them after multiple uses without hurting the environment

Key features:

- Robust
- Hygienic
- Lightweight
- Moisture proof
- Excellent impact resistance
- Water resistant
- Cost effective
- Custom design and printing



Advantages of Bubble Guard over Flute Board

Bubble Guard Board	Flute Board
Multi-layer co-extrusion lamination process	Single layer Profile extrusion
Multi-layer combination gives more strength to material	Weak in one direction & good on other direction
Bubble structure gives higher contact area	Multiple flute structure gives less contact area
Both directions get equal strength	One direction strength is week
Uniform distribution of load in all direction	Load is taken by one direction
Better strength to weight ratio	Lesser strength to weight ratio
Due to multi-layer structure, puncture strength is better	Comparatively puncture strength is less
Surface is smooth & plain providing excellent material for printing	Surface is smooth but line marks are visible
Available from 200 GSM to 6000 GSM	Limited GSM available due to process limitation
Higher Thickness Range up to 20mm	Limited Thickness Range
Double / Duplex Bubbles possible	Double / Duplex structure not possible
Good for online laminated product such as polyester woven , non-woven fabrics. Also good for thermoformed articles	Online lamination is not possible due to process limitation
Conversion and fabrication activity is easy & can be done in one direction	All conversion & fabrication activity to be planned on the of Flute Direction only
Virgin PP is used	Reprocessed material is used which deteriorates quality & strength
Higher number of Reusable Cycles	Limited Reusable Cycles
Boxes can be kept any direction	Boxes has to be kept in vertical direction only