



Bhoomii India Packwell Pvt. Ltd.

PP Flute Board Grid

Applications

Foldable Large Containers (FLCs)

Returnable Crates

Electrical and electronics

PCB, switchgear, casings, assemblies

Automotive components

bumpers, mirrors, radiators, trims, gear housings

Home appliances

fans, mixer parts, metal panels, compressor units

Precision engineering

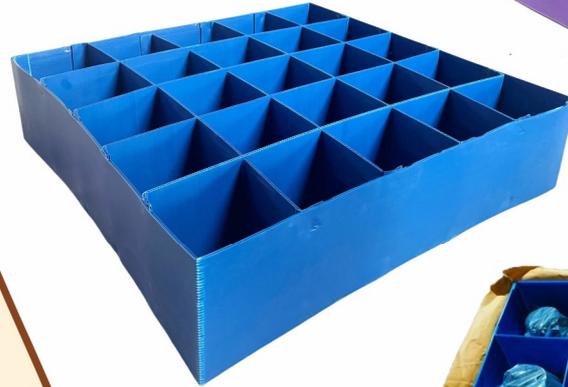
machined or molded parts requiring separation

Heavy-duty metal parts

with anti-scratch & cushioning fitment

Pharma/Medical Exports

sterile or high-value instruments packaging



Specifications

Parameter

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Material:	Virgin/impact-modified Polypropylene (PP)
Structure:	Extruded 3-layer honeycomb core structure sandwiched between two solid PP liners
Thickness:	3 mm to 10 mm (Common use: 5 mm, 8 mm, 10 mm)
GSM (Grams per Sq. Meter):	350 – 1500 GSM depending on load requirement
Finish Options:	Surface: Smooth or matte, Edges: Sealed, trimmed, or fabric-taped
Available Colors:	Black, Grey, Blue, White, Multi color
Features:	High impact strength, Washable & waterproof, Anti-static option available (ESD grade), UV & chemical resistant
Recyclability:	100% recyclable and eco-friendly

Advantages

- **Superior Protection:** High shock absorption and vibration resistance for delicate and heavy components
- **Weight Reduction:** Lightweight material reduces overall logistics cost, especially for air shipments
- **Reusable & Durable:** Ideal for long-term use in returnable packaging systems
- **Waterproof & Moisture Resistant:** Does not degrade in humid or wet conditions ideal for sea export
- **Customizable Inner Design:** Grid, slot, cavity, or die-cut designs as per part size and shape
- **Sustainable & Eco-Friendly:** Recyclable PP replaces thermocol, wood, and cardboard supporting green logistics
- **Cost-effective Long Term:** Minimizes part damage, returns, and repacking; saves cost over time

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Location