

PP Honeycomb Panels - Data Sheet

- Material	Polypropylene Co-polymer
- Extrusion Die	Three layers thermal lamination
- Colors	Standard: Grey, Blue, White Optional: Natural, Black, Green, Purple, Red, Yellow, Orange Custom colors are available upon request
- Thickness	3mm, 4mm, 5mm, 9mm, 10mm, 12mm
- Grams/m ²	3mm, 800gsm 4mm, 1050gsm 5mm, 1600gsm 9mm, 2600gsm 10mm, 3000gsm 12mm, 4500gsm Custom thickness & gsm are also available upon request
- Max Width	2150mm
- Length	Made to order
- Tolerance	Thickness: ±0.15mm Density: ±5% Width: ±2mm Length: ±5mm
- Recyclability	100% recyclable
- Print ability	Screen printing Flatbed digital printing Laser marking
- Welding ability	Ultrasonic welding Thermal seamless welding
- Process ability	CNC router cutting Die cutting Thermal edge sealing Thermal creasing
- Features	Lightweight, High-impact, Super durable, Waterproof
- Optional Grades	Corona treated UV resistant Anti-static Conductive Flame retardant
- Applications	Signage substrate Floor protection Automobile trunk panel Automobile ceiling panel Pallet sleeves Gaylord boxes Returnable boxes

Thickness/Gsm

	3mm	4mm	5mm	9mm	10mm	12mm
800g/m ²	●					
900g/m ²	●					
1000g/m ²	●					
1100g/m ²		●				
1200g/m ²		●	●			
1500g/m ²		●	●			
2000g/m ²			●			
2500g/m ²				●		
3000g/m ²				●	●	
3500g/m ²					●	●
4500g/m ²						●

PP honeycomb panels are a sandwich structured plastic panels, which are composed of multi-layer Polypropylene sheets, with two pieces of solid fat layers and one piece of thermoformed bubble layers in between.

Such structure makes it super strong, much durable yet lightweight, besides, it also has features of chemical-resistant, waterproof, easy to convert, and 100% recyclable. That is to say, PP honeycomb panels have advantages that paper honeycomb panels don't have. For instance, the paper honeycomb panels are not waterproof, nor chemical resistant, and with shorter lifespans.

Due to its versatility, the plastic honeycomb panels are widely used in the automobile industry, storage & transport industry, general packaging, and signage print industry, etc. At Ecore Pack, we provide a full bundle of packaging solutions, including design, cut to shape, print, and sample development.

