



1. Product Overview & Applications

PET Coated Cardboard is a multi-layer packaging material that combines the rigidity of paperboard with the protective properties of PET film. It is widely used in food service, retail packaging, and pharmaceutical sectors. Common applications include:

- Food trays, cups, frozen food cartons
- Beverage sleeves and to-go containers
- Cake and pastry boards
- Medical blister packaging
- Retail and consumer product packaging

2. Technical Specifications

Property	Unit	250 gsm	300 gsm	350 gsm	400 gsm
Basis Weight	g/m <sup>2</sup>	250±5	300±5	350±5	400±5
Thickness	µm	280±10	330±10	380±10	430±10
PET Coating Thickness	µm	10±1	12±1	12±1	15±1
Gloss (PET Side)	GU	≥80	≥80	≥80	≥80
Grease Resistance	-	High	High	High	High
Water Resistance	-	Excellent	Excellent	Excellent	Excellent
Heat Resistance	°C	Up to 180	Up to 180	Up to 180	Up to 180
Print Compatibility	-	Offset, UV	Offset, UV	Offset, UV	Offset, UV

3. Additional Features

- High gloss finish with excellent visual appeal.
- Strong barrier against grease, moisture, and odors.
- Excellent rigidity and dimensional stability.
- Food-grade and FDA/EU compliant for direct contact.
- Suitable for both chilled and hot food packaging.

4. Storage & Handling

- Store in a dry, clean area between 10–25°C and 40–60% RH.
- Avoid direct sunlight, excessive humidity, and temperature fluctuations.
- Keep flat and protected from physical damage and dust.