

CAST COATED PAPER TECHNICAL SPECIFICATION

2025/03/02 (HXLCCP70-150)

1. Product Overview & Applications

Cast coated paper is a high-gloss coated paper produced using a cast coating process. It features extremely high gloss and excellent printability, making it ideal for high-end packaging and printing applications:

- Labels: Widely used for wine, food, and cosmetic labels.
- Premium Packaging: Suitable for luxury packaging, gift boxes, and book covers.
- Advertising & Promotional Materials: Used for high-quality brochures, business cards, greeting cards, and magazine covers.
- Security Printing: Suitable for anti-counterfeit labels and high-precision printing needs.

2. Technical Specifications

Property	Unit	70 gsm	80 gsm	90 gsm	100 gsm	115 gsm	135 gsm	150 gsm
Basis Weight	g/m2	70 +/-2	80 +/-2	90 +/-2	100 +/-2	115 +/-2	135 +/-2	150 +/-2
Thickness	um	63 +/-3	72 +/-3	81 +/-3	90 +/-3	103 +/-3	120 +/-3	135 +/-3
Gloss (75°)	GU	>= 85	>= 85	>= 85	>= 85	>= 85	>= 85	>= 85
Opacity	%	>= 88	>= 90	>= 90	>= 92	>= 92	>= 94	>= 94
Tensile Strength (MD/TD)	N/15mm	>= 30/15	>= 35/18	>= 40/20	>= 45/22	>= 50/25	>= 55/28	>= 60/30
Moisture Content	%	5-7	5-7	5-7	5-7	5-7	5-7	5-7
Surface Tension	mN/m	>= 38	>= 38	>= 38	>= 38	>= 38	>= 38	>= 38
Heat Resistance	°C	Up to 160	Up to 160	Up to 160	Up to 160	Up to 160	Up to 160	Up to 160

3. Additional Features

- Ultra-high gloss, smooth and uniform surface.
- Excellent printability, compatible with offset, flexographic, and gravure printing.
- Good wear resistance and scratch resistance, ensuring long-lasting print quality.
- Eco-friendly formulation, available with FSC certification for sustainable development.
- Customizable coatings, offering water and grease resistance.

4. Storage & Handling

- Store in a cool, dry environment (Temperature: 10-25°C, Humidity: 40-60%).
- Avoid direct sunlight and drastic temperature fluctuations to prevent paper deformation or printability degradation.
- Keep in a dry, ventilated area to avoid moisture affecting printing quality.
- Handle with care to prevent surface scratches or contamination, which may affect printing and finishing.

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