

## 1. Product Overview & Applications

C1S Art Paper (Coated One Side) is a high-quality, single-side coated paper that offers excellent smoothness, brightness, and printability. It is widely used for various applications:

- Labels: Ideal for premium product labels, stickers, and packaging.
- Commercial Printing: Suitable for brochures, flyers, and posters.
- Packaging: Used in folding cartons, high-end paper bags, and gift boxes.
- Advertising Materials: Applied in postcards, catalog covers, and promotional items.

## 2. Technical Specifications

Property	Unit	80 gsm	90 gsm	100 gsm	115 gsm	128 gsm	157 gsm	200 gsm	250 gsm
Basis Weight	g/m <sup>2</sup>	80±2	90±2	100±2	115±2	128±2	157±2	200±2	250±2
Thickness	µm	80±4	90±4	100±4	115±4	128±4	157±4	200±4	250±4
Brightness	%	≥88	≥88	≥88	≥88	≥88	≥88	≥88	≥88
Gloss (75°)	GU	≥70	≥70	≥70	≥70	≥70	≥70	≥70	≥70
Opacity	%	≥90	≥90	≥90	≥90	≥90	≥90	≥90	≥90
Tensile Strength (MD/TD)	N/15 mm	≥30/15	≥35/18	≥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	5-7
Surface Tension	mN/m	≥38	≥38	≥38	≥38	≥38	≥38	≥38	≥38

## 3. Additional Features

- Excellent printability: Suitable for offset, flexographic, and digital printing.
- High brightness and whiteness: Ensures vibrant and sharp print quality.
- Strong surface strength: Reduces ink absorption for a smooth finish
- Custom coatings available: Enhances water and grease resistance.

## 4. Storage & Handling

- Store in a cool, dry environment (Temperature: 10-25°C, Humidity: 40-60%).
- Avoid direct sunlight and extreme temperature fluctuations.
- Handle with care to prevent surface damage and curling.