



1. Product Overview & Applications

Metallized paper is a high-gloss, aluminum-coated paper that combines the properties of paper and metal. It offers excellent barrier properties, printability, and an appealing visual effect, making it ideal for various applications:

- Labels: Used in beverage labels, food packaging, and cosmetics.
- Flexible Packaging: Ideal for snacks and confectionery wrapping.
- Decorative Applications: Gift wrapping, promotional materials, and security printing.
- Pharmaceutical & Tobacco Industry: Used for tamper-proof packaging and branding.

2. Technical Specifications

Property	Unit	62 gsm	68 gsm	70 gsm	71 gsm	83 gsm	93 gsm	103 gsm
Basis Weight	g/m2	62 +-2	68 +-2	70 +-2	71 +-2	83 +-2	93 +-2	103 +-2
Thickness	um	52 +-3	58 +-3	60 +-3	62 +-3	75 +-3	85 +-3	95 +-3
Aluminum Layer Thickness	nm	30-50	30-50	30-50	30-50	30-50	30-50	30-50
Gloss (75 deg)	GU	>= 75	>= 75	>= 75	>= 75	>= 75	>= 75	>= 75
Opacity	%	>= 85	>= 85	>= 85	>= 85	>= 85	>= 85	>= 85
Tensile Strength (MD/TD)	N/15mm	>= 30/15	>= 35/18	>= 35/18	>= 35/18	>= 40/20	>= 45/22	>= 50/25
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 180	Up to 180	Up to 180	Up to 180	Up to 180	Up to 180	Up to 180

3. Additional Features

- Excellent printability (compatible with flexographic, gravure, and offset printing).
- High barrier properties against moisture, oxygen, and UV light.
- Strong adhesion between aluminum layer and paper base.
- Available in both glossy and matte finishes.
- Customizable coatings for enhanced 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 scratches and deformation.