



HARDVOGUE

Adhesive Laser Film Technical Specification

Product Overview & Applications

Adhesive Laser Film is a high-performance material designed for labeling and decorative applications. It features a strong adhesive backing and excellent printability, making it suitable for various industries:

- Labels: Ideal for high-quality labels in the beverage, cosmetic, and pharmaceutical sectors.
- Security Printing:** Used for anti-counterfeiting labels and tamper-evident seals.
- Industrial Applications:** Durable labels for electronics, automotive, and machinery.
- Advertising & Promotions:** Enhances visual appeal with a glossy or matte metallic finish.

Technical Specifications

Property	Unit	Standard Value
Basis Weight	g/m ²	50 ±2
Thickness	μm	40 ±3
Adhesive Type	-	Acrylic
Adhesive Strength	N/25mm	≥ 15
Peel Strength	N/25mm	≥ 12
Opacity	%	≥ 85
Gloss (60°)	GU	≥ 80
Surface Tension	mN/m	≥ 38
Temperature Resistance	°C	-20 to 120
UV Resistance	h	≥ 500
Moisture Resistance	-	High
Print Compatibility	-	Laser, Offset

Additional Features

- Excellent adhesion to various surfaces including glass, plastic, and metal.
- High resistance to heat, moisture, and UV exposure.
- Compatible with multiple printing techniques for vibrant and durable prints.

Storage & Handling

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

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