



## Adhesive PVC Film Technical Specification

### **\*\*Product Overview & Applications\*\***

Adhesive PVC Film is a high-quality polyvinyl chloride film with strong adhesive properties. It is widely used in various applications due to its durability, flexibility, and excellent printability:

- **\*\*Labels & Stickers:\*\*** Suitable for branding, product labeling, and industrial identification.
- **\*\*Protective & Decorative Films:\*\*** Used in automotive, furniture, and construction industries.
- **\*\*Laminated Films:\*\*** Ideal for card lamination, book covers, and advertisement displays.
- **\*\*Security & Tamper-Proof Seals:\*\*** Applied in warranty labels, logistics, and anti-counterfeiting applications.

### **\*\*Technical Specifications\*\***

Property	Unit	Standard Value
Basis Weight	g/m <sup>2</sup>	80 ±2, 100 ±2, 120 ±2, 150 ±2
Thickness	µm	50 ±3, 75 ±3, 100 ±3, 150 ±3
Adhesive Type	-	Acrylic, Solvent-based
Adhesive Strength	N/25mm	≥ 18
Peel Strength	N/25mm	≥ 15
Gloss (60°)	GU	≥ 80
Tensile Strength (MD/TD)	N/15mm	≥ 50/25, ≥ 60/30, ≥ 70/35, ≥ 80/40
Heat Resistance	°C	-20 to 120
UV Resistance	h	≥ 1000

### **\*\*Additional Features\*\***

- Excellent adhesion to various surfaces including plastic, glass, and metal.
- High resistance to water, chemicals, and environmental conditions.
- Printable with flexographic, gravure, screen, and UV offset printing.
- Available in transparent, white, and metallic finishes.
- High durability and scratch resistance.

### **\*\*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 surface scratches and adhesive degradation.

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