



HARDVOGUE

Adhesive PP Film Technical Specification

Product Overview & Applications

Adhesive PP Film is a high-performance polypropylene film with strong adhesive properties. It offers excellent flexibility, chemical resistance, and printability, making it ideal for a variety of applications:

- Labels & Stickers:** Suitable for food, beverage, pharmaceutical, and industrial labeling.
- Flexible Packaging:** Ideal for snack, cosmetic, and personal care product packaging.
- Protective & Lamination Films:** Used in electronics, automotive, and furniture industries.
- Security & Tamper-Proof Seals:** Applied in warranty labels, logistics, and anti-counterfeiting applications.

Technical Specifications

Property	Unit	Standard Value
Basis Weight	g/m ²	45 ±2, 60 ±2, 80 ±2, 100 ±2
Thickness	µm	30 ±3, 50 ±3, 70 ±3, 90 ±3
Adhesive Type	-	Acrylic, Hot Melt
Adhesive Strength	N/25mm	≥ 15
Peel Strength	N/25mm	≥ 12
Gloss (60°)	GU	≥ 75
Opacity	%	≥ 85
Tensile Strength (MD/TD)	N/15mm	≥ 35/15, ≥ 40/18, ≥ 50/20, ≥ 60/25
Surface Tension	mN/m	≥ 38
Heat Resistance	°C	-20 to 120
UV Resistance	h	≥ 800

Additional Features

- Excellent adhesion to various surfaces including plastic, glass, and metal.
- High durability and tear resistance for industrial and commercial use.
- Resistant to water, oils, and chemicals for enhanced longevity.
- Compatible with multiple printing techniques including flexographic, gravure, and UV printing.
- Available in transparent, white, and metallic finishes.

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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