



HARDVOGUE

Adhesive PE Film Technical Specification

****Product Overview & Applications****

Adhesive PE Film is a durable and flexible polyethylene film with strong adhesive properties. It is designed for various industrial and commercial applications, ensuring excellent performance and reliability:

- ****Labels & Stickers:**** Ideal for high-quality product labels and industrial identification.
- ****Protective Films:**** Used in electronics, automotive, and construction industries for surface protection.
- ****Flexible Packaging:**** Suitable for food, pharmaceutical, and cosmetic packaging.
- ****Security & Tamper-Proof Seals:**** Applied in logistics, anti-counterfeiting, and warranty seals.

****Technical Specifications****

Property	Unit	Standard Value
Basis Weight	g/m ²	50 ±2, 60 ±2, 75 ±2, 90 ±2
Thickness	µm	40 ±3, 50 ±3, 65 ±3, 80 ±3
Adhesive Type	-	Acrylic, Hot Melt
Adhesive Strength	N/25mm	≥ 15
Peel Strength	N/25mm	≥ 12
Gloss (60°)	GU	≥ 70
Opacity	%	≥ 85
Tensile Strength (MD/TD)	N/15mm	≥ 30/15, ≥ 35/18, ≥ 40/20, ≥ 50/25
Moisture Resistance	-	High
Heat Resistance	°C	-20 to 100
UV Resistance	h	≥ 500

****Additional Features****

- Excellent adhesion to various surfaces including plastic, glass, and metal.
- High flexibility and tear resistance for industrial and commercial use.
- Water, oil, and chemical resistance for demanding environments.
- Compatible with multiple printing techniques for enhanced branding.

****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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