Adhesive Thermal Paper Technical Specification

Product Overview & Applications

Adhesive Thermal Paper is a heat-sensitive paper with a strong adhesive backing, designed for high-quality printing applications. It provides excellent print clarity, smooth surface, and durability, making it ideal for various industries:
- **POS Receipts & Tickets:** Used in retail, banking, and logistics industries.
- **Shipping & Logistics Labels:** Ideal for barcode labels, waybills, and warehouse tracking.
- **Pharmaceutical & Food Labels:** Suitable for temperature-sensitive product packaging.
- **Retail & Price Tags:** Commonly used in supermarkets, clothing stores, and inventory management.

Technical Specifications

Property	Unit	Standard Value
Basis Weight	g/m^2	65 ±2, 75 ±2, 85 ±2
Thickness	μm	60 ±3, 70 ±3, 80 ±3
Adhesive Type	-	Acrylic, Hot Melt
Adhesive Strength	N/25mm	≥ 12
Peel Strength	N/25mm	≥ 10
Print Sensitivity	-	High
Image Stability	Years	5-7
Opacity	%	≥ 85
Moisture Resistance	-	Moderate
Surface Tension	mN/m	≥ 38
Heat Resistance	°C	-10 to 70
UV Resistance	h	≥ 500

Additional Features
- High-quality thermal coating ensures sharp and durable prints.
- Compatible with direct thermal printers, no need for ink or toner.
- Strong adhesive backing for various surfaces including cardboard, plastic, and metal.
- Available in multiple grades for different application needs.
- Provides good resistance to smudging and environmental conditions.

Storage & Handling
- Store in a dry and cool place (Temperature: **10-25°C**, Humidity: **40-60%**).
- Avoid direct sunlight and prolonged exposure to heat or humidity.
- Keep away from solvents, oils, and chemicals to maintain print quality.

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