



Wet Strength Paper - Technical Specification

Product Description & Applications

Wet strength paper is designed to maintain its durability and integrity even in high-moisture environments. It is commonly used in applications where exposure to water, condensation, or humidity is a concern.

- ****Beverage Labels****: Used for beer, wine, and juice bottle labels that endure refrigeration and ice.
- ****Food Packaging****: Suitable for frozen food and wet product packaging.
- ****Outdoor Applications****: Ideal for maps, posters, and tickets exposed to rain or humidity.
- ****Industrial & Medical Use****: Strong, tear-resistant material for wet wipes, medical packaging, and more.

Technical Specifications

| Property | Unit | Specification |
|-----------------------------|------------------|---|
| Basis Weight | g/m ² | 70, 80, 90, 100 |
| Thickness | μm | 60 ± 3, 70 ± 3, 80 ± 3 |
| Wet Strength Retention | % | ≥ 30 |
| Tensile Strength (MD) | N/15mm | ≥ 50 |
| Tensile Strength (TD) | N/15mm | ≥ 25 |
| Water Absorption (Cobb 60s) | g/m ² | ≤ 25 |
| Opacity | % | ≥ 85 |
| Printability | - | Excellent for offset, flexo, and gravure printing |
| Recyclability | % | 100% |
| Surface Tension | mN/m | ≥ 38 |

Additional Features

- High resistance to water, moisture, and condensation.
- Strong tear resistance, even when wet.
- Suitable for high-quality printing with vibrant colors.
- Available in both glossy and matte finishes.
- Fully recyclable and eco-friendly material.

Storage & Handling

- Store in a cool, dry environment (Temperature: 10-25°C, Humidity: 40-60%).
- Keep away from direct sunlight and excessive moisture.
- Handle carefully to prevent creases and surface damage.

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