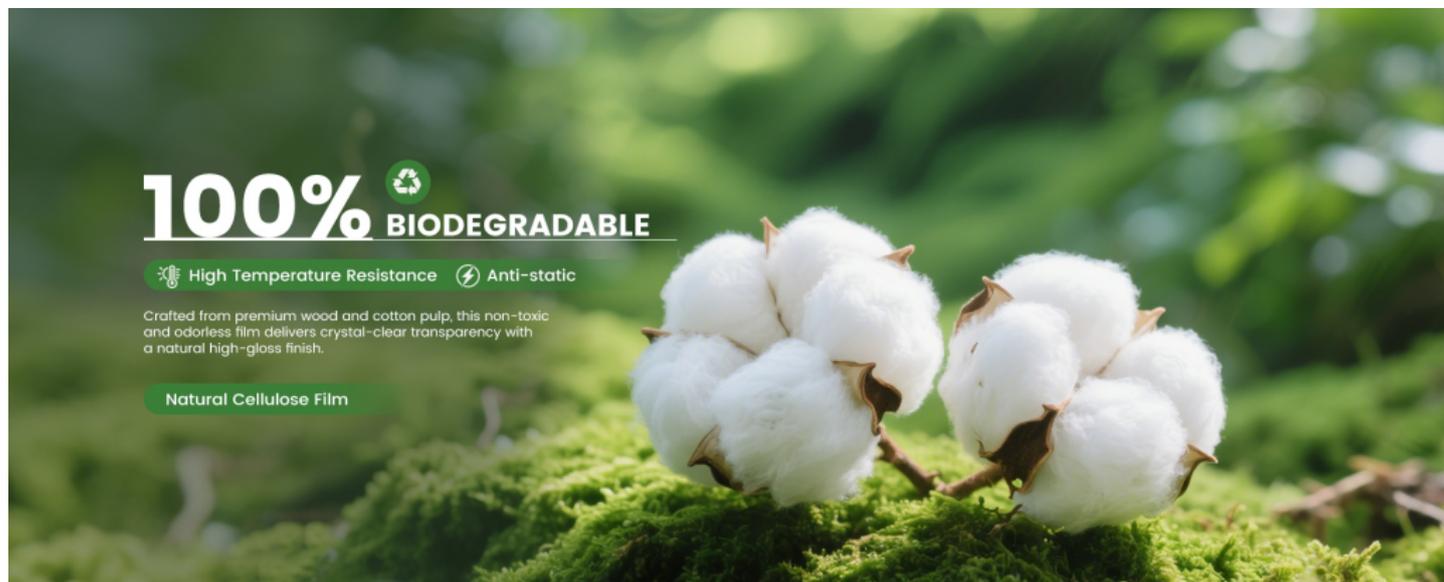


Beyond Plastic: Why Xiade New Material is Now the Global Leading Cellulose Film Manufacturer

Global Leading Cellulose Film Manufacturer



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Official Website: <https://www.xiadecn.com/>

Products Categories

Cellulose Film: <https://www.xiadecn.com/cellulose-film/>

Biodegradable Tape: <https://www.xiadecn.com/biodegradable-tape/>

The global packaging industry is currently navigating a period of unprecedented transformation. As the environmental cost of petroleum-based plastics becomes a focal point for international regulators and consumers alike, a "Green Renaissance" is underway. At the heart of this movement is **Zhejiang Xiade New Material Co., Ltd.** (along with its specialized subsidiary, Shaoxing Kede New Materials Co., Ltd.). As a **Global Leading Cellulose Film Manufacturer**, Xiade is not merely producing a commodity; it is engineering a bio-based infrastructure for the 21st-century circular economy.

Corporate Profile: The Epicenter of Cellulose Innovation

Strategically positioned within China's premier ecological industrial clusters—the **Binhai Industrial Zone** and **Hangzhou Bay Shangyu Economic and Technological Development Zone**—Xiade New Material represents the pinnacle of Chinese green manufacturing.

The scale of the operation is a testament to its market leadership. With a total land area of **116,700 square meters** and a sophisticated building area of **60,000 square meters**, Xiade operates the

largest production base for natural cellulose membranes in the country. This massive footprint allows for a vertically integrated approach, from raw material processing to precision film coating and slitting, ensuring that the company maintains its status as the **Chinese Biggest Cellulose Film Manufacturer**.

Industry Analysis: The Global Shift Toward Bio-Polymer Solutions

To understand Xiade's significance, one must analyze the broader market trends. The global cellulose film market is projected to witness a Compound Annual Growth Rate (CAGR) exceeding 5% through 2030. This growth is fueled by several critical drivers that Xiade has strategically aligned with:

A. The "Plastic Ban" Momentum

From the EU's Single-Use Plastics Directive to China's own rigorous "Plastic Limit Order," the legal landscape is hostile to traditional polyolefins. Cellulose film, being a naturally derived polymer, bypasses these restrictions, providing a safe harbor for brands looking to future-proof their supply chains.

B. The Performance Paradox

Historically, "eco-friendly" was synonymous with "lower performance." Xiade has shattered this paradox. Their natural cellulose films offer superior gas barrier properties compared to many bioplastics like PLA, and unlike synthetic films, they are inherently anti-static and heat-resistant.

C. Aesthetic and Functional Premium

In the luxury craft and food sectors, the high clarity and "crisp" tactile feel of cellulose film are perceived as premium indicators. Xiade has capitalized on this by perfecting the film's transparency and printability, making it the preferred choice for high-end retail packaging.

Core Technology: Engineering at the Molecular Level

Xiade's dominance as a **Global Leading Cellulose Film Manufacturer** is built upon a foundation of proprietary "Core Technology." The production of cellulose film (often known by the genericized trademark Cellophane) is a complex chemical and mechanical process involving the regeneration of natural cellulose from wood pulp or cotton linters.

Research & Development Ecosystem

The company has established a "Production-Study-Research" base, gathering a consortium of outstanding talents specializing in polymer chemistry and operation management. By collaborating with prestigious universities and domestic and foreign experts, Xiade has pioneered several industry-firsts:

High-Quality Biodegradable Cling Film: A breakthrough product that mimics the elasticity of PVC but remains fully compostable.

Enhanced Moisture Barriers: Utilizing advanced coating technologies to tailor the moisture vapor transmission rate (MVTR) for specific agricultural needs.

Quality Management and Certifications

Xiade's commitment to excellence is validated by international benchmarks. The company has successfully implemented and passed:

ISO9001:2000: Ensuring rigorous quality control across every meter of film produced.

ISO14001:2004: Reflecting a manufacturing process that minimizes environmental impact, crucial for a company selling "green" products.

EU Food Contact Compliance: Meeting the stringent migration limits required for safety in the European food market.

Product Portfolio and Solutions: Versatility Across Industries

Xiade's solution-oriented approach means their products are engineered for specific mechanical and chemical environments.

A. Food and Perishable Packaging

The food sector is Xiade's largest vertical. Their **Food Packaging Film** and **Vegetable Bundling** solutions are revolutionary. Because cellulose film is naturally "breathable," it prevents moisture buildup—the primary cause of mold and rot in fresh produce.

Case Study: A global organic tea brand switched to Xiade's films for their individual tea bag sachets. This move eliminated 50 tons of plastic waste annually while preserving the delicate aroma of the tea through superior gas barrier properties.

B. Medical and Pharmaceutical Subcontracting

In medical environments, static electricity and chemical leaching are major concerns. Xiade's **Medical Packaging Films** are anti-static and chemically inert, making them ideal for subcontracted medical components and pharmaceutical overwraps where purity is paramount.

C. Industrial and Automotive Applications

Auto Hose Film: Used as a release agent in the production of industrial rubber hoses, ensuring the hose maintains its shape during vulcanization without sticking to the mandrel.

Fireworks Packaging Film: A niche but vital market. The heat resistance of cellulose film ensures it doesn't melt and cause blockages during the firing process, a safety feature that synthetic plastics cannot offer.

D. Flexible Packaging and Tapes

As a substrate for **Degradation Tape Film**, Xiade is enabling the transition of the logistics industry toward "Green Shipping." Their **Printed Composite Film** allows for high-fidelity branding on 100% compostable snack pouches.

5. Development Strategy: "To Be World's Top Brand"

The leadership at Xiade and Kede operates under a clear, three-pillar strategic mandate:

Global Brand Supremacy: Transitioning from a high-volume manufacturer to a global "Tier 1" brand recognized for sustainability and innovation.

Cost Optimization for Customers: Utilizing economies of scale and 70% automation in key processes to minimize the "green premium," making sustainable packaging affordable for the mass market.

The Garden-Style Factory: Beyond the product, the company emphasizes a "civilized and harmonious" workplace. Their facilities are designed as eco-friendly environments that prioritize employee happiness and safety.

Sustainable Impact: The Life Cycle Advantage

When a brand chooses Xiade New Material, they are investing in a product with a superior life cycle. Unlike traditional films that contribute to the microplastic crisis in our oceans, Xiade's natural cellulose membranes:

Degrade in Soil: Under typical composting conditions, the film returns to carbon dioxide and water within weeks.

Are Carbon Neutral in Growth: The raw material (wood/cotton) sequesters carbon during its growth phase, offsetting the emissions generated during processing.

Insulative and Protective: They provide high-level protection against oils and greases, which is essential for preserving the integrity of consumer goods without resorting to toxic PFAS coatings.

Conclusion: The Future is Cellulose

As the **Global Leading Cellulose Film Manufacturer**, Zhejiang Xiade New Material Co., Ltd. is the bridge between the high-performance demands of modern industry and the urgent need for environmental restoration. With its massive production capacity, cutting-edge R&D, and "Customer-Centric" philosophy, the company is uniquely positioned to lead the packaging world into a plastic-free era.

From the aerospace technician in a static-sensitive lab to the organic farmer in a remote village, Xiade's innovations are providing the invisible protection that keeps the world safe, fresh, and green.

Connect with Xiade New Material

Partner with the world's most innovative cellulose experts to transform your packaging strategy today.

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