

Food Grade Packaging Nonwoven



Core Technology

Food Grade Packaging Nonwoven Fabric is engineered for purity, safety, and performance in direct contact with consumables. We offer two naturally-derived solutions: Corn Fiber (PLA) Nonwoven for tea packaging and Viscose Fiber Nonwoven for sensitive product sachets like snus. Advanced bonding transforms these food-safe fibers into a precise matrix. Corn Fiber (PLA), from plant starch, creates a robust, heat-resistant structure. Viscose, from purified wood pulp, forms a soft, strong, and conformable fabric. Both are free from harmful additives, odorless, and tasteless.

Key Performance & Advantages

1. Dedicated Material Performance:

For Tea/Coffee Bags (Corn Fiber/PLA): Engineered for high-temperature resistance, maintaining strength and integrity in boiling water. This makes it ideal for convenient, single-use packaging, ensuring a pure and non-toxic solution.

For Snus Pouches (Viscose Fiber): Offers exceptional softness and comfortable mouthfeel. It is inherently heat-sealable, enabling strong, secure seams without adhesives for ultimate safety.

2. Guaranteed Safety & Purity: Produced from food-contact grade raw materials. Biologically inert to prevent migration of substances, protecting product taste, aroma, and safety.

3. Processing & Convenience: Supplied custom-slit to widths from 30mm to 1000mm for high-speed, automated pouch-making. The heat-sealability of viscose nonwoven streamlines production.

4. Sustainable Profile: Derived from renewable resources. Fully biodegradable and compostable under industrial conditions, reducing reliance on conventional plastics.

Technical Specifications

The fabric is characterized by a basis weight (gsm) of 25-37, offering a medium-soft handle. It is standardly supplied in white and can be custom slit to any width within the range of 30mm to 1000mm to suit various production requirements.

Primary Applications

Hot Beverage Packaging: Corn Fiber (PLA) Nonwoven is optimal for tea bags and coffee pouches, engineered to withstand brewing with strong, safe, and non-toxic performance.

Specialty Oral Pouches: Viscose Fiber Nonwoven is ideal for snus, nicotine pouches, and seasoning sachets, providing soft, strong, and leak-resistant portion packaging.

Our materials comply with global food contact regulations, with rigorous quality control ensuring consistent performance (basis weight 30-37 gsm). As your partner, we provide tailored, sustainable packaging solutions backed by technical expertise for reliable integration into your process.