

HUIMING POUCH GRADE NONWOVEN

Material Solutions for Nicotine Pouch Applications

This catalog presents Huiming's pouch-grade nonwoven materials designed for different sealing systems, machine speeds, and regulatory market requirements.

Stable. Engineered. Regulatory-ready.

1. **HM-A**

Chemical Bonded Stable Sealing Non-woven for Nicotine/SNUS/ Nootropic Pouch Application

Product Overview

HM-A is a chemically bonded non-woven fabric designed for stable nicotine pouch sealing on low to medium speed pouch machines. It provides strong bonding performance, high structural stability, and proven reliability in long-term production. This grade has been widely used in the Middle East and

similar markets with continuous or mild intermittent sealing systems.

Basic Specifications

Basis Weight: 25–35 gsm

Web Formation: Airlaid / Cross-laid

Bonding System: Chemical bonding (latex-based)

Structure Feature: High bonding strength, stable structure

Surface Behavior: Strong adhesion, high sealing reliability

Roll width customizable





PROFESSIONAL OEM MANUFACTURER

Innovative Non-woven Solutions



Machine & Sealing Compatibility

Recommended Sealing Mode: Continuous sealing / Mild intermittent sealing

Recommended Speed Range: Low to Medium speed

Suitable Machine Condition: Stable sealing pressure and temperature control

Sealing Logic: Chemical-bonding-dominated sealing

Key Advantages

Strong and reliable sealing strength

Excellent structural stability during long-time operation

Suitable for mass production with consistent quality

Proven performance with large-volume monthly shipments





Compliance & Safety

HM-A is manufactured using food-grade raw materials and is suitable for nicotine pouch applications under relevant regulatory frameworks.

FDA Compliance: Manufactured in accordance with FDA CFR 21 requirements for food-contact materials (indirect contact).

CE Compliance: Produced under a CE-compliant quality management system for regulated industrial and consumer applications.

Biocompatibility: Biocompatibility testing available, including cytotoxicity evaluation, confirming suitability for oral-contact related applications.

Full test reports, declarations, and supporting documents are available upon request.

Application Boundary (Important Notice)

To ensure stable performance, HM-A is NOT recommended for aggressive intermittent flat-jaw

sealing systems or machines with unstable sealing pressure or poor blade maintenance. On such machines, potential issues may include blade sticking and sealing stringing. HM-A is designed as a chemical-bonded stable sealing grade, not as a high-impact intermittent flat-jaw sealing material.

Typical Markets

Middle East, Africa, Latin America, and low to medium speed pouch production lines.

This document is intended for product selection and technical reference only. Final performance depends on machine configuration and operating conditions.

2.HM-01

Intermittent Flat-Jaw Sealing Nonwoven for Nicotine Pouch Application



Product Overview

HM-01 is a pouch-grade nonwoven fabric specifically developed for intermittent flat-jaw sealing

systems used in nicotine pouch production. It is designed to provide improved sealing stability and

reduced burst risk under mid-speed operation and fluctuating sealing conditions.

Basic Specifications

Basis Weight: 25–35gsm (typical)

Web Formation: Airlaid / Cross-laid

Bonding Logic: Hybrid bonding, sealing-oriented structure

Structure Feature: Optimized for compressive sealing behavior

Surface Behavior: Low stringing tendency, clean sealing

Machine & Sealing Compatibility

Recommended Sealing Mode: Intermittent flat-jaw sealing

Recommended Speed Range: 150–300 pouch/min

Typical Machine Type: Single-lane pouch machines

Sealing Behavior: Compressive fusion under instant heat input



Key Advantages

- Designed for instant heat and pressure sealing impact
- Improved resistance to burst and weak sealing
- Cleaner sealing behavior compared to high-tack chemical bonded grades
- Suitable for continuous mid-speed production
- Typical seal initiation temperature: approximately 160 °C
- Sealing window optimized to reduce false sealing under fluctuating conditions
- Further optimization available for wider sealing window upon request

Compliance & Safety

HM-01 is manufactured using carefully selected raw materials suitable for nicotine pouch applications.

FDA Compliance: Manufactured in accordance with FDA CFR 21 requirements for indirect food-contact materials.

CE Compliance: Produced under a CE-compliant quality management system.

Biocompatibility: Biocompatibility reports available, including cytotoxicity testing for oral-contact related applications.

Full test reports, declarations, and supporting documents are available upon request.

Application Boundary (Important Notice)

HM-01 is not recommended for high-speed continuous sealing systems (300+ pouch/min) or applications requiring extremely low fiber shedding. For such applications, HM-XY premium grade is recommended.

Typical Markets

India, South Asia, and mid-speed single-lane pouch production lines.



This document is intended for product selection and technical reference only. Final performance depends on machine configuration and operating conditions

3.HM-XY

Ultra-Fine Fiber High-Speed Sealing Nonwoven for Nicotine Pouch Application

Product Overview

HM-XY is a premium ultra-fine fiber nonwoven fabric developed for high-speed nicotine pouch production lines. It is designed to deliver excellent sealing stability, ultra-low fiber shedding, and high batch-to-batch consistency under demanding high-speed conditions. This grade is positioned for high-end European, North American, and regulated markets, and is comparable in structure and performance to established premium German-origin pouch fabrics.



Basic Specifications

Basis Weight: 25–35 gsm

Fiber Structure: Ultra-fine fiber nonwoven

Web Formation: Precision-controlled formation

Bonding Logic: High-stability bonding system

Effective Pore Size: 70–90 μm (typ.)

Surface Behavior: Clean sealing, ultra-low stringing risk



Machine & Sealing Compatibility

Recommended Sealing Mode: High-speed continuous or advanced intermittent sealing

Recommended Speed Range: 300–600+ pouch/min

Target Equipment: European high-speed pouch systems

Sealing Behavior: Stable fusion under high throughput

Fiber Shedding: Extremely low

Key Advantages

Designed for high-speed and multi-shift production

Excellent sealing consistency at elevated throughput

Ultra-low fiber shedding, suitable for premium brands

High batch-to-batch consistency

Comparable performance to established European premium materials

Compliance & Safety

HM-XY is produced using carefully selected raw materials and manufacturing controls suitable for regulated nicotine pouch applications.

FDA Compliance: Manufactured in accordance with FDA CFR 21 requirements for indirect food-contact materials.

CE Compliance: Produced under a CE-compliant quality management system.

Biocompatibility: Biocompatibility reports available, including cytotoxicity testing for oral-contact related applications.

Full compliance documentation and supporting test reports are available upon request.

Application Boundary (Professional Notice)

HM-XY is designed for well-maintained high-speed pouch machines with controlled sealing and tension systems. For unstable or low-precision equipment, alternative grades such as HM-01 or HM-A are recommended.

Typical Markets

Europe, North America, Russia & CIS high-end manufacturers, and premium nicotine pouch brands.

*This document is intended for product selection and technical reference only.
Final performance depends on
machine configuration and operating conditions.*

Guangdong Huiming Nonwoven Technology Co., Ltd. | Huiming Pouch Grade Nonwoven




OTHERS

- HEAT-SEALABLE
- CONSISTENT PORE SIZE
70–90 μm
- HIGHLY BREATHABLE
- FDA, REACH COMPLIANT

OURS