

From Healthcare to Industry: A Comprehensive Overview of Core Application Markets Covered by YDL Spunlace Nonwovens



Suzhou, Jiangsu Jun 18, 2026 (Issuewire.com) - Spunlace nonwovens feature soft skin feel, excellent moisture absorption, air permeability and high customizability. They are essential raw materials for medical care, industrial filtration, household goods, automotive interiors and many other industries. As a world-leading [full-industry-chain spunlace nonwoven manufacturer](#), YDL adopts mature

production technology and complete functional finishing processes. We provide one-stop nonwoven solutions for global clients, strictly complying with industrial performance standards and application requirements, and helping you build core product competitiveness.

1. Medical & Hygiene Care Sector

Medical and hygiene care is one of the core application fields of spunlace nonwovens, which has extremely strict requirements on material safety, biocompatibility and cleanliness. YDL supplies a full range of medical-grade spunlace nonwovens to meet demands of various segmented products:

- **Medical Spunlace Nonwovens:** As the core base material for medical consumables, it is used for protective clothing, surgical caps, medical bed sheets, surgical drapes, face masks, medical dressing patches, disposable blood pressure cuffs, indwelling needle patches and medical polymer splints. The fabric is soft and hypoallergenic, fully compliant with medical safety regulations.
- **Disinfection & Cleaning Nonwovens:** Specially designed for alcohol pads and disinfecting wipes. It has superior water absorption, lint-free performance and no skin irritation, ideal for production of disposable disinfection products.
- **Personal Care Nonwovens:** Applied to sanitary napkins, diapers and urine isolation pads. It combines high water absorption, leak-proof performance and air permeability to ensure comfort and safety in use.
- **Physical Therapy & Cooling Nonwovens:** Suitable for plasters, antipyretic patches, eye masks, anti-mouth breathing patches and hydrogel beauty patches. Fabric elasticity, skin-friendliness and adhesion can be customized for diverse physical therapy scenarios.

2. Filtration & Industrial Application Sector

With stable fiber structure, adjustable porosity and multi-stage filtration capacity, spunlace nonwovens act as core filter media for high-end filtration systems. YDL provides dedicated filter nonwovens for eight mainstream filtration scenarios:

- **General Filtration Spunlace Nonwovens:** Used for air conditioner humidifier filtration, metal filtration, water filtration and oil filtration. It features low air resistance and large dust holding capacity, effectively intercepting dust and particles for industrial fluid treatment and air purification.
- **Semiconductor & Cleanroom Filtration:** High-cleanliness spunlace nonwovens for air purification and personnel cleaning in semiconductor workshops, precision laboratories and clean rooms.
- **Commercial Air Conditioning Filtration:** Matching filter media for central air conditioners and fresh air systems, widely used for air purification in commercial buildings, shopping malls and office buildings.
- **Automotive Filtration:** Special filter materials for car cabin filters, intake filters and in-vehicle air purification, meeting automotive component standards.
- **Medical Filtration:** Dedicated nonwovens for medical air filters, ventilator filters and ward purification supplies, compatible with purification systems of medical institutions at all levels.
- **Rail Transit Filtration:** Exclusive filter media for ventilation and air conditioning systems of high-speed trains, subways and passenger trains, supporting long-term stable operation of equipment.
- **Aquaculture Filtration:** Applied to circulating water treatment and pond purification, greatly improving water quality for fish and shrimp farming.

- **Industrial Dust Removal:** Supporting filter materials for production lines and workshop dust removal systems, widely used for dust collection in machinery processing, building materials and light industry.
- **VOC Treatment Filtration:** Functional nonwovens with adsorption coating. It can effectively adsorb and trap volatile organic compounds, supporting industrial waste gas purification and compliant emission.

3. Wiping Sector

We divide industrial wiping and beauty wiping into independent categories with distinct performance and applications:

- **Industrial Wiping Nonwovens:** Developed exclusively for industrial use. The fabric has dense structure, excellent wear resistance and tear resistance with zero lint loss, suitable for precision instrument wiping, equipment cleaning and paint dust removal.
- **Beauty Wiping Nonwovens:** Featured with ultra-soft texture and low irritation. The product range includes lash extension patches, facial cleansing cloths and depilatory cloths, specially made for beauty and personal care industries.

4. Agricultural & Industrial Sector

- **Agricultural & Industrial Spunlace Nonwovens:** Customized for outdoor and industrial environments. Water resistance, UV resistance and wear resistance can be adjusted freely to meet relevant usage standards.
- **Special Industrial Materials:** Used for glass fiber polyester composite felt and flocking lining. It satisfies special technical requirements such as industrial heat insulation, flame retardancy and composite forming.

5. Automotive Interior Sector

YDL nonwovens for automotive interiors are wear-resistant, UV-resistant, low-odor and flame retardant. The flame retardant rating reaches V0-V2, B1 and B2 grades. They are applied to wrapping, sound insulation and protection of automotive interior parts, fully complying with automotive safety and environmental standards:

- **Automotive Interior Spunlace Nonwovens:** Customizable in black, white, gray and other colors. Part of the products reach flame retardant standards to match interior color schemes and safety regulations of different vehicle models.
- **Automotive Veneer Base Fabric:** Special nonwoven base material, improving forming stability and wear resistance of interior veneer parts.
- **Engine Cover Foam Nonwovens:** Integrates sound insulation, heat insulation and flame retardancy, adapting to the high-temperature and high-vibration environment inside engine compartments.
- **Automotive Seat Lining Nonwovens:** Clients can purchase this fabric for further processing with flame-laminated sponge and leather, meeting the softness and support requirements of seat linings.
- **Steering Wheel Lining Nonwovens:** Flexible and excellent in shape retention, improving grip comfort and anti-slip performance of steering wheels.

6. Household Goods & Apparel Home Textile Sector

Spunlace nonwovens improve the comfort, functionality and durability of household and textile products. YDL supplies a full range of matching fabrics:

- **Household Goods Spunlace Nonwovens:** Used for laundry color catchers, color-enhancing sheets, wall cloths and steam eye masks. It integrates skin-friendliness, anti-dyeing and waterproof functions for various household care and decoration scenarios.
- **Apparel & Home Textile Spunlace Nonwovens:** Applied to waterproof fitted sheets, quilt linings, clothing linings, flame-retardant electric blanket fabrics and water-soluble embroidery backings. Gram weight and stiffness are customizable. The fabric balances softness and structural stability to meet production demands of home textiles and garment accessories.

7. Leather Base Fabric, Shoe & Luggage Sector

- **Leather Base Fabric Spunlace Nonwovens:** Special base materials for floor leather, artificial leather and PVC leather. It enhances wear resistance and forming stability, and is widely used in artificial leather and synthetic leather production.
- **Shoe & Luggage Spunlace Nonwovens:** Suitable for shoe linings, insoles and luggage interiors. The fabric is flexible, breathable, sweat-absorbent and moisture-proof. It can be processed with anti-slip, antibacterial and UV-resistant functions, complying with environmental and durability standards of footwear and leather goods industries.

8. Packaging Consumables Sector

Light weight, high customizability and reliable protection make spunlace nonwovens ideal packaging materials. YDL provides full-range nonwovens for packaging use:

- **Packaging Consumables Spunlace Nonwovens:** Including army green anti-static packaging cloth, ice bag packaging cloth, auto parts packaging cloth and general packaging bags. Anti-static, waterproof and cushioning functions are customizable to meet packaging and protection demands of different products.

Core Advantages of [YDL Full-scenario Spunlace Nonwovens](#)

- **Full industry coverage:** Our products serve medical care, industrial filtration, industrial wiping, beauty wiping, automotive interiors, home textiles, shoe & luggage, packaging consumables and more. We provide targeted solutions for eight major filtration fields to meet diversified procurement needs in one stop.
- **Precise performance customization:** Adjust fabric gram weight, porosity, filtration accuracy, water absorption, flame retardancy, UV resistance, anti-static and other parameters according to industrial requirements, and customize exclusive fabric functions.
- **International quality compliance:** All raw materials and additives are eco-friendly. Products pass EU REACH, OEKO-TEX and other international authoritative tests, satisfying global cross-border export standards.
- **Integrated processing service:** We complete the whole production process from greige fabric to dyeing, printing, coating, lamination and other finishing procedures in-house, simplifying clients' supply chain.
- **Flexible production capacity:** We support both large-scale mass production and small-batch sampling orders, ensuring stable delivery for global customers.

Q1: What industries do YDL spunlace nonwovens mainly serve? A1: Our products are widely used in medical care, industrial filtration, industrial wiping, beauty wiping, automotive interiors, household goods, apparel home textiles, leather base fabrics, shoe & luggage, packaging consumables, agricultural industry and other fields.

Q2: Are industrial wiping nonwovens the same as beauty wiping nonwovens? A2: They are two different products. Industrial wiping nonwovens focus on wear resistance and lint-free performance for equipment and instrument cleaning. Beauty wiping nonwovens are ultra-soft and low-irritation for beauty and personal care. They differ greatly in material and functional positioning.

Q3: Can we customize the performance and appearance of nonwovens? A3: Yes. We can adjust water absorption, filtration accuracy, flame retardancy, UV resistance, anti-static and other properties. Colors, gram weight and processing techniques are also customizable for personalized demands.

Q4: Do medical-grade nonwovens comply with international safety standards? A4: All medical products adopt medical-grade raw materials and are produced under strict clean standards, meeting global safety and compliance requirements for medical consumables.

Q5: What customization services are available for automotive interior nonwovens? A5: Custom colors including black, white and gray are available, and part of the products are flame retardant. We also provide supporting processing services for flame-laminated sponge and leather.

Q6: Do you accept small-batch sample orders and large-volume export orders? A6: Yes. As a leading full-industry-chain spunlace nonwoven manufacturer from China, we flexibly handle sample orders, medium and small orders as well as bulk orders with stable delivery cycles.

Quick Facts

- Core Application Sectors: Medical Care, Industrial Filtration, Industrial Wiping, Beauty Wiping, Automotive Interiors, Household Goods, Apparel Home Textiles, Leather Base Fabrics, Shoe & Luggage, Packaging Consumables, Agricultural Industry
- Segmented Filtration Fields: Semiconductor & Cleanroom, Commercial Air Conditioning, Automotive Filtration, Medical Filtration, Rail Transit, Aquaculture, Industrial Dust Removal, VOC Treatment
- Main Product Categories: Medical Consumables, All Kinds of Filter Media, Industrial Wiping Cloths, Beauty Care Cloths, Automotive Interior Parts, Household Goods, Textile Accessories, Leather Base Fabrics, Shoe & Luggage Linings, Various Packaging Materials
- Customizable Features: Water absorption, Filtration accuracy, Flame retardancy, UV resistance, Anti-static, Elasticity, Skin-friendliness, Printing, Dyeing, Adsorption performance, Multi-color customization
- Compliance Standards: EU REACH, OEKO-TEX International Environmental & Safety Standards

Contact Us

YDL Nonwovens sincerely welcomes global purchasers, traders and manufacturers to cooperate on greige goods procurement and deep finishing processing. Factory visits and sample production are available by appointment.

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