

Reliable Materials for Agriculture & Industry: YDL Spunlace Nonwovens in Covering, Protection and Industrial Wiping



Suzhou, Jiangsu Jun 30, 2026 ([Issuewire.com](https://www.issuewire.com)) - In agricultural production and industrial manufacturing scenarios, the durability, protection and adaptability of materials directly affect production efficiency, product quality and long-term costs. Clients commonly face pain points such as poor weather resistance, easy damage, insufficient filtration/protection performance and customization difficulties, which not only affect production continuity but also lead to additional maintenance and

replacement costs. With stable fiber structure, customizable physical properties and excellent durability, YDL spunlace nonwovens are ideal choices for agricultural covering protection, industrial dust removal filtration and special industrial materials, helping clients solve material pain points and improve production reliability and economy.

As a [professional agricultural and industrial spunlace nonwoven product supplier](#) with ISO9001 certification and over 20 patents, YDL Nonwovens brings nearly two decades of R&D expertise to every material solution.

1. Full-scenario Agricultural & Industrial Spunlace Nonwoven Product Matrix

Developed for different performance requirements of agricultural outdoor, industrial production and special processes, our full range of spunlace nonwovens are suitable for covering protection, dust removal filtration and special composite processes, meeting clients' diverse needs from basic protection to special processing:

- **Agricultural & Industrial Spunlace Nonwovens:** Customized for agricultural and industrial scenarios, with adjustable waterproof, UV-resistant, wear-resistant and anti-aging properties. Used for crop covering and insulation, weed control, greenhouse insulation, industrial equipment protection and outdoor packaging, they effectively resist harsh outdoor environments, extend service life and reduce material replacement frequency.
- **Paint & Dust Removal Spunlace Nonwovens:** Specially designed for industrial painting, coating and dust removal operations. With dense lint-free surface and high filtration efficiency, they effectively intercept paint mist, dust and particles. They are also tear-resistant and easy to process, suitable for dust removal filtration and surface wiping in spray booths and coating workshops, improving working environment cleanliness and coating quality.
- **Spunlace Nonwovens for Glass Fiber Polyester Composite Felt:** As the dedicated base fabric for glass fiber polyester composite felt, they feature high strength, high temperature resistance and good formability. They can be composited with glass fiber and polyester materials to improve the structural stability and durability of composite felts, widely used in special industrial scenarios such as industrial heat insulation, thermal insulation, filtration and sound absorption.
- **Flocking Lining Spunlace Nonwovens:** Developed exclusively for flocking processes. With flat surface, uniform flocking and strong adhesion, they can be used as flocking lining base materials for luggage, shoe materials, automotive interiors and handicrafts, improving product touch and appearance texture. They also have good air permeability and wear resistance, meeting the requirements of flocking processing.

2. YDL Agricultural & Industrial Spunlace Nonwovens Solve Clients' Core Pain Points

Recognized as a China top spunlace nonwoven product supplier, YDL leverages advanced spunlace technology and deep processing capabilities to address the most pressing challenges faced by agricultural and industrial clients worldwide.

Weather Resistance Pain Point: Materials Prone to Aging & Damage, Short Service Life

Client Pain: In outdoor agricultural and industrial equipment protection scenarios, ordinary materials are prone to aging and damage due to UV rays, rain and temperature changes, requiring frequent replacement and increasing costs and labor input.

YDL Advantage: Customizable UV-resistant, waterproof and anti-aging properties. They are not prone to embrittlement or damage during long-term outdoor use, with service life extended by more than 30% compared with ordinary materials, effectively reducing replacement frequency and long-term costs.

Filtration & Dust Removal Pain Point: Low Interception Efficiency Affects Working Environment & Product Quality

Client Pain: In paint dust removal and industrial dust filtration scenarios, insufficient interception efficiency leads to paint mist and dust leakage, polluting the working environment and affecting coating surface quality, increasing rework rates.

YDL Advantage: Three-dimensional fiber structure allows precise customization of porosity and filtration efficiency, effectively intercepting paint mist, dust and particles. They are highly efficient, anti-clogging and breathable, meeting the stable operation needs of spray booths and dust removal systems.

Composite Forming Pain Point: Insufficient Base Fabric Strength Fails to Meet Composite Process Requirements

Client Pain: In the production of special products such as glass fiber polyester composite felt and flocking linings, low-strength base fabrics are prone to deformation and damage during compositing and flocking, affecting product qualification rates.

YDL Advantage: Customizable high-strength and high-formability base fabrics, not prone to deformation or delamination when composited with glass fiber and polyester materials. Flocking adhesion is strong and uniform, effectively improving the qualification rate and stability of special products.

Customization Pain Point: Generic Materials Cannot Meet Scenario-specific Requirements

Client Pain: Different scenarios have different requirements for material thickness, gram weight, air permeability and functional properties, and generic materials cannot meet customization needs, affecting production efficiency and product adaptability.

YDL Advantage: Full-parameter customization of materials is supported. Parameters such as gram weight, thickness, air permeability, waterproof/UV-resistant/flame-retardant properties can be adjusted according to clients' scenario needs to create exclusive solutions for perfect matching with application scenarios.

Compliance & Environmental Pain Point: Materials Fail to Meet Environmental & Safety Standards

Client Pain: Some industrial scenarios have strict environmental and safety requirements for materials, and ordinary materials cannot pass relevant tests, leading to products being unable to comply with regulations or export delays.

YDL Advantage: Material performance can be customized according to industry standards. Products can pass EU REACH, OEKO-TEX, flame retardant and other relevant tests, meeting environmental and safety compliance requirements of different countries and industries, helping clients launch and export products smoothly.

3. Core Advantages of YDL Agricultural & Industrial Spunlace Nonwovens

- **Scenario-specific Performance Customization:** Precisely adjust UV-resistant, waterproof, wear-resistant, strength and filtration efficiency parameters according to different needs of agricultural outdoor, industrial production and special processes, adapting to various harsh working conditions.
- **Durability & Long-life Design:** High-strength fiber structure, anti-aging, tear-resistant and not prone to damage. They maintain stable performance during long-term use in outdoor and industrial scenarios, reducing replacement frequency and long-term maintenance costs.
- **Special Process Adaptability:** Developed exclusively for composite felt and flocking processes. The base fabric has good formability and strong adhesion, perfectly combining with glass fiber, polyester and flocking materials to improve the qualification rate and stability of special products.
- **Global Compliance Support:** Products can pass EU REACH, OEKO-TEX, flame retardant and other relevant tests, meeting environmental and safety compliance requirements of different countries and industries, helping clients launch and export products smoothly.
- **Full-process Quality Control:** Strict inspections from raw material incoming to finished product delivery, with small batch-to-batch performance variations, ensuring consistent material performance and avoiding effects on production and product quality.

These combined strengths are why global clients trust YDL as their professional agricultural and industrial spunlace nonwoven product supplier and a China top spunlace nonwoven product supplier for mission-critical applications.

FAQ

Q1: What scenarios can YDL agricultural & industrial spunlace nonwovens be used for? A1:

They are suitable for crop covering protection, greenhouse insulation, industrial equipment protection, paint dust removal filtration, glass fiber polyester composite felt base fabrics, flocking lining base materials, outdoor packaging and other agricultural and industrial scenarios.

Q2: Can material performance be customized for specific scenarios? A2: Yes. We can customize parameters such as UV resistance, water resistance, wear resistance, strength, filtration efficiency, gram weight and thickness according to clients' scenario needs to create exclusive solutions.

Q3: What about the anti-aging performance and service life of agricultural nonwovens? A3: Customizable UV-resistant and anti-aging properties. They are not prone to embrittlement or damage during long-term use in outdoor agricultural scenarios, with service life extended by more than 30% compared with ordinary materials, effectively reducing replacement frequency and costs.

Q4: Do industrial materials meet environmental and safety standards? A4: Yes. Products can pass EU REACH, OEKO-TEX, flame retardant and other relevant tests, meeting environmental and safety compliance requirements of different countries and industries.

Q5: Are small-batch samples and large-volume orders supported? A5: Yes. We accept small-batch sample orders and have large-scale mass production capacity to ensure on-time delivery of bulk export orders.

Quick Facts

- Core Application Scenarios: Agricultural Covering Protection, Industrial Equipment Protection, Paint Dust Removal Filtration, Glass Fiber Polyester Composite Felt Base Fabrics, Flocking Lining Base Materials, Outdoor Packaging
- Core Properties: UV-resistant, Waterproof, Wear-resistant, Anti-aging, High Strength, Good Formability, High Filtration Efficiency, Low Lint Loss, Strong Adhesion
- Custom Services: Gram Weight Customization, Thickness Customization, UV/Waterproof Performance Customization, Filtration Efficiency Customization, Composite/Flocking Process Adaptation
- Compliance Standards: EU REACH, OEKO-TEX, Flame Retardant Industry Standards
- Application Scenarios: Agricultural Outdoor, Industrial Production, Special Composite Processes, Coating & Dust Removal

Contact Us

YDL Nonwovens sincerely invites global agricultural material suppliers, industrial equipment manufacturers and special process production enterprises to cooperate on customized agricultural & industrial spunlace nonwovens. Factory visits and sample production are available by appointment.

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