

Diamond Perforated Sandwich Mesh Fabric Manufacturer

 wovenupper.com/product/diamond-perforated-sandwich-mesh-fabric-manufacturer

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- 28 Years woven shoe upper factory
- 10000m² Factory area
- Owns 80 woven jacquard machines
- Support customization OEM&ODM
- ISO9001/SGS/GRS/OEKO-TEX® certified

Kaichuang focuses on the R&D and manufacturing of high-quality footwear fabrics, with 28 years of industry experience, and has long been providing stable and reliable upper material solutions for sports shoes, casual shoes, and functional footwear brands. The Diamond Shaped Perforated Sandwich Mesh Fabric adopts a three-dimensional sandwich structure and diamond perforation design, giving the fabric both breathability, lightweight performance, and structural support, widely used in shoe uppers, shoe tongues, and functional composite footwear materials.

As a professional [sandwich mesh fabric](#) supplier, Kaichuang can flexibly adjust fabric weight, hole pattern, thickness, and elasticity according to different shoe types, ensuring comfort while improving upper structural stability. With a mature development system and stable quality control, the factory has long served global customers and is a trusted [shoe fabric manufacturers](#).

Leading Manufacturer of Jacquard Upper in China

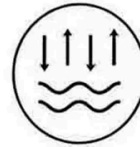
28 Years Woven Shoe Upper Manufacturer

Main Products

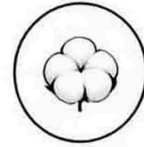
Jacquard
Lining Fabric
Laminated Mesh Fabric
Single Layer Mesh Fabric
Sandwich Air Mesh Fabric

Kaichuang Product Service

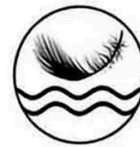
28 Years Woven Shoe Upper Manufacturer



Breathable



Soft



Light



Resistant

Custom fabric



Custom Design



Custom colors



Customized Service

- **Color, Texture & Visual Design Customization:** Kaichuang supports Pantone color matching and sample development, with options for gradient effects, splicing designs, and diamond perforation variations to enhance brand identity and visual layering.
- **Structure & Performance Adjustment:** We can adjust sandwich layer thickness, mesh density, weight, and elasticity based on different shoe types, balancing breathability for running shoes and durability for outdoor footwear.
- **Functional Finishing Treatments:** Available treatments include waterproof, anti-mildew, antibacterial, wear-resistant, and moisture-wicking finishes to improve comfort and long-term performance.

- **Eco-Friendly & Recycled Materials:** We support recycled polyester yarn and sustainable material solutions to meet global environmental requirements and brand sustainability goals.
- **OEM/ODM Full Support:** From development to mass production, Kaichuang provides full OEM/ODM support with fast sampling to help shorten product development cycles.
- **Fast Sampling & Low MOQ Support:** We offer quick sample development and flexible MOQ options to support both new brands and large-scale production needs.

Product Certifications

- **ISO9001 Quality Management System:** Kaichuang has passed ISO9001 quality management system certification and established a standardized production and quality traceability process. From raw material procurement to finished product shipment, every stage is strictly controlled to ensure product stability.
- **SGS Testing Support:** The factory can provide SGS testing services according to customer requirements, ensuring that products meet international market standards in abrasion resistance, tensile performance, color fastness, and environmental indicators, improving export competitiveness.
- **GRS Eco-Friendly Material Solutions:** Kaichuang supports the application of GRS global recycled standard materials and can provide recycled polyester yarn solutions, helping brands meet the growing demand for green manufacturing and sustainable development.
- **OEKO-TEX® Safety Standard:** Some products can meet OEKO-TEX® standards, ensuring the fabric is free from harmful substances, making it suitable for sports shoes, children's shoes, and long-term skin-contact footwear materials, enhancing consumer trust.

Kaichuang Product Certificate

28 Years Woven Shoe Upper Manufacturer



Sandwich Process and Applications

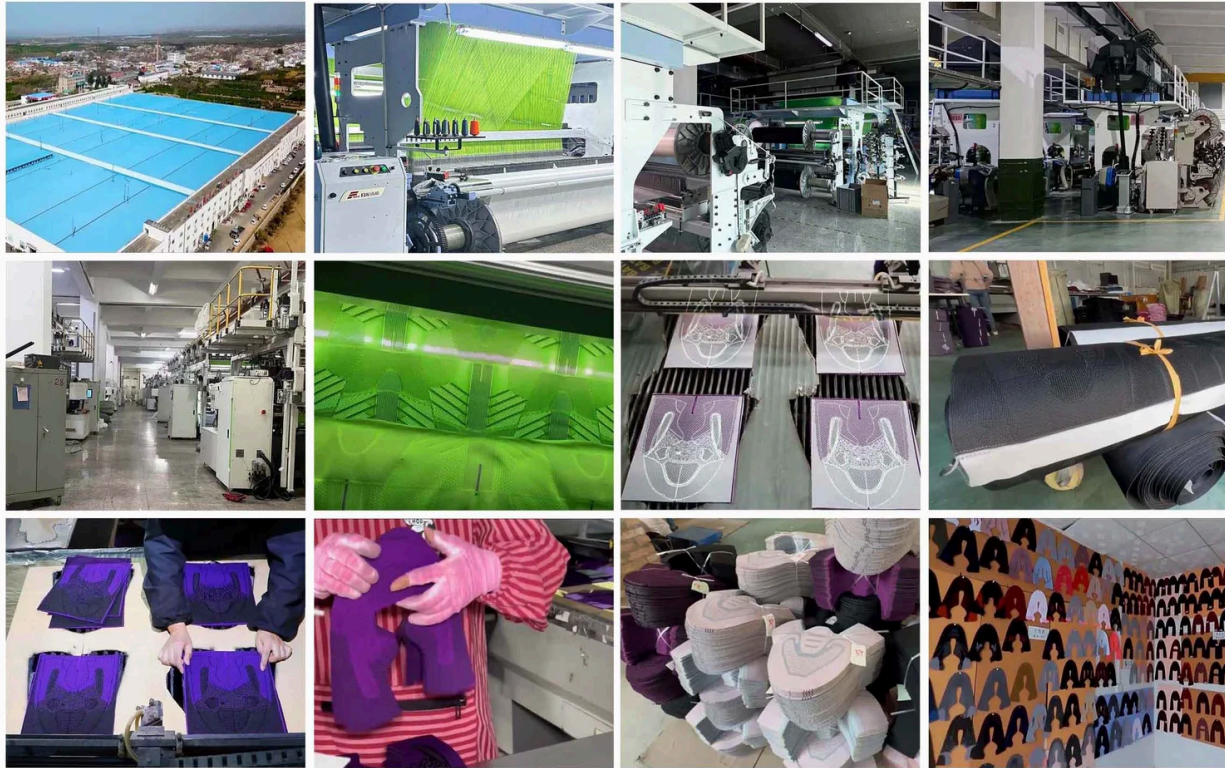
- **Three-Layer Structure Process:** Diamond Shaped Perforated Sandwich Mesh Fabric adopts a three-layer structure consisting of a top mesh layer, a middle support layer, and a bottom bonding layer. Through high-temperature lamination and precision weaving technology, the fabric achieves breathability, support, and comfort simultaneously.
- **Diamond Perforation Design:** Diamond perforation not only enhances air circulation but also improves the three-dimensional visual effect of the upper. Compared with ordinary mesh, this structure makes the upper lighter while reducing stiffness during long-term wear.
- **Stable Lamination Process:** Kaichuang strictly controls yarn tension, lamination temperature, and fabric thickness during production to ensure consistent hand feel, elasticity, and structural stability for every batch, making it suitable for mass footwear production.
- **Wide Application Fields:** This sandwich mesh fabric is widely used in running shoes, basketball shoes, training shoes, children's shoes, and casual shoes. For sports footwear, it achieves a good balance between lightweight performance, breathability, and upper support, making it an increasingly popular material for brand upgrades.

Factory Advantages

- **28 Years of Industry Experience:** Kaichuang has been deeply engaged in the footwear fabric industry for 28 years, specializing in sandwich mesh fabric and functional upper material development, with mature international footwear supply experience and the ability to accurately meet different market demands.
- **Complete Production Lines and Stable Capacity:** The factory is equipped with integrated weaving, lamination, shaping, and finishing production lines, enabling simultaneous development and mass production of multiple products, ensuring stable delivery time and consistent quality.
- **ISO9001 Quality Management System:** The entire production process follows ISO9001 standards and is tested through multiple inspections including breathability, abrasion resistance, tensile strength, color fastness, and lamination stability to ensure reliable product performance.
- **International Certifications and Eco Capability:** The factory supports SGS, GRS, and OEKO-TEX® standards and can provide recycled materials and eco-friendly footwear solutions, meeting global sustainability requirements.
- **Professional Customization Capability:** As professional shoe fabric manufacturers, Kaichuang supports multi-dimensional customization including color, structure, hole pattern, and functional treatments, and provides functional finishing processes to enhance product competitiveness.
- **Extensive Global Cooperation Experience:** Kaichuang's products have been exported to more than 30 countries and regions, serving customers in Europe, Southeast Asia, and the Middle East for a long time. The factory is familiar with international brand requirements for quality, environmental compliance, and delivery schedules, providing stable and efficient OEM/ODM footwear fabric solutions.

Kaichuang Factory

28 Years Woven Shoe Upper Manufacturer



28 Years

28 Years Woven
Upper factory

10,000M²

10000m² Factory
Production Area

80

80 Weaving
Jacquard Machines

15 Million

Annual Production
Capacity 15 Million

Kaichuang Cooperative Partner

28 Years Woven Shoe Upper Manufacturer

asics

HOKA

LI-NING

Mizuno

PEAK

QIAODAN

Kaichuang Customization Process

28 Years Woven Shoe Upper Manufacturer



- » Contact Us - Provide 7*24h 1 on 1 service
- » Offer Design - Logo, Letter, Idea, Picture
- » Designing - Making Mock Up Within 1 Hour
- » Sample - Fast Proofing
- » Production - Fast Production & Test Time
- » Logistics - Fast Shopping Time

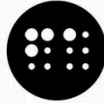
Kaichuang Advantage

28 Years Woven Shoe Upper Manufacturer



Jacquard Fabric Factory

28 years factory since
from 1998



Strong Factory Strength

Production area of
10,000 square meters



International Certificate Certification

ISO9001/SGS/ GRS/
OEKO-TEX® certified



Fast Production and Delivery

Owns 80 woven
jacquard machines



High Quality Woven Jacquard Fabric

Fold and wrinkle resistant,
breathable and quick-
drying



Wide Range of Uses

Sports shoes, running
shoes, basketball shoes,
football shoes, etc.