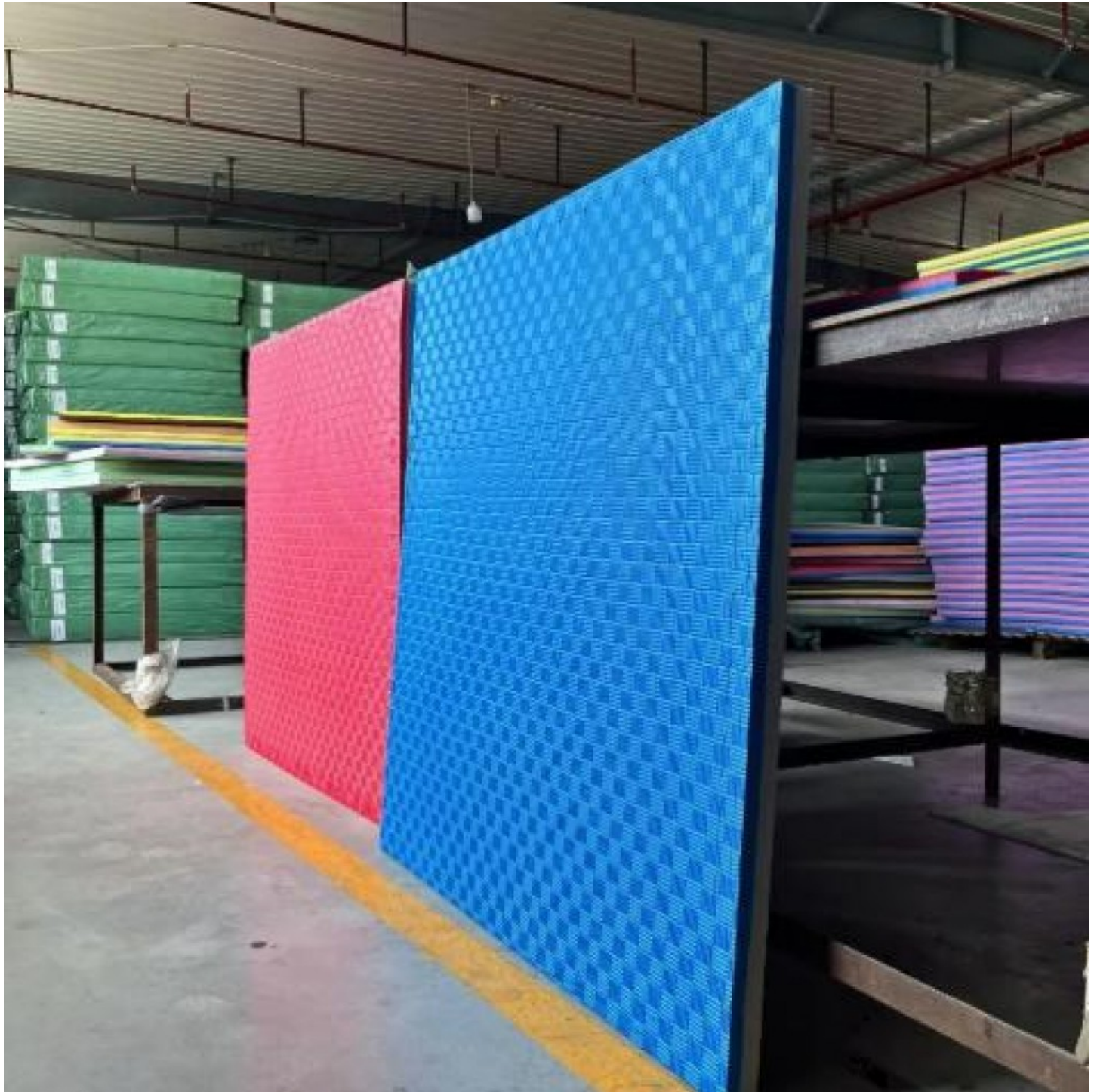


How Hongle Advances Martial Arts Mat Manufacturing Through EVA Cushioning, Anti-Slip Design and Custom Engineering



Nanning, Guangxi Sep 2, 2026 ([Issuewire.com](https://www.issuewire.com)) - As demand for safer and more adaptable training environments continues across martial arts clubs, fitness centers and home gyms, the performance of sports flooring has become an increasingly important consideration. For martial arts applications in particular, flooring needs to balance cushioning, traction, durability and installation flexibility while

accommodating different training environments. Guangxi Hongle Plastic Products Co., Ltd. is addressing these requirements through its manufacturing capabilities in [EVA foam mats](#) and its focus on product development, OEM/ODM services and customized flooring solutions.

Based in Long'an County, Nanning City, Guangxi, China, [Hongle](#) has more than 20 years of production experience in EVA floor mats. The company operates a 6,000-square-meter factory with more than 200 employees and integrates research and development, manufacturing and sales. Its production infrastructure includes multiple advanced machines and 10 foaming machines, supporting a reported monthly capacity of up to 100 40HQ containers. The company also maintains independent import and export rights, supporting its international supply activities.

EVA Cushioning for Martial Arts Training

For martial arts flooring, cushioning is an important part of the overall training environment. Repeated movement, footwork, jumping and ground-based exercises can place different demands on the floor surface. Hongle's EVA Martial Arts Mat is designed around these requirements by combining EVA foam construction with an interlocking floor format.

One example is Hongle's 1m × 1m Interlocking EVA Foam Mat, which is available in thicknesses from 1 cm to 4 cm. The product is designed for martial arts and fitness applications including Taekwondo, Karate, Judo, floor exercises and home gyms. Its five-stripe surface pattern is designed to provide a non-slip surface for training environments.

The use of EVA foam also gives manufacturers flexibility when developing mats for different applications. Depending on thickness and configuration, EVA flooring can be incorporated into training areas that require a balance between cushioning, resilience and ease of installation.

Anti-Slip Design for High-Intensity Training

Traction is another important consideration for martial arts flooring. Training movements can involve rapid changes in direction, pivoting and repetitive footwork, making surface characteristics relevant to both training performance and floor usability.

Hongle's martial arts puzzle mat uses a five-stripe pattern and is positioned for Taekwondo, Karate, Judo, gym and other training applications. The company describes the product as non-slip, wear-resistant, waterproof and durable. The surface can also be cleaned with water and neutral detergent, supporting routine maintenance in frequently used training spaces.

The interlocking structure provides another practical advantage. Individual 1m × 1m tiles can be connected to create larger training areas and can also be disassembled for storage or reconfiguration. Uniform tile dimensions allow users to combine pieces according to the available space, while border pieces and cutting tools provide additional flexibility when creating a customized layout.

Manufacturing Technology Supports Product Consistency

Hongle's approach to martial arts mat manufacturing extends beyond the finished product. The company uses a physical foaming process for its EVA interlocking mats rather than chemical foaming. According to the product information, the manufacturing process does not add plasticizers or formaldehyde, and the EVA foam is described as recyclable. Product batches can also be accompanied by testing reports issued by SGS or Intertek.

This manufacturing approach reflects the company's broader emphasis on production technology and quality management. With more than two decades of experience in EVA floor mat production, Hongle has developed expertise across equipment operation, manufacturing processes and product development.

Its product portfolio extends beyond martial arts flooring and includes EVA puzzle mats, foam floor mats, foam exercise mats, yoga mats, carpet-top mats, XPE foldable play mats and other foam-based products. This broader manufacturing base allows the company to apply its EVA processing experience across different application requirements.

Custom Engineering for Different Markets

Customization is another part of Hongle's manufacturing model. The company provides OEM and ODM services and supports customized requirements for products, including marking, colors, packaging and selected specifications.

For its martial arts mats, standard product dimensions include 1m × 1m, while thickness options range from 1 cm to 4 cm. Customers can also select from different surface patterns and color combinations. The product specification lists T pattern, leaf pattern, five-stripe pattern and cross pattern options, with customized colors available.

This flexibility can be useful for martial arts schools, fitness brands, distributors and wholesalers that need flooring solutions adapted to different market requirements. Hongle also supports small-batch customization inquiries, providing a process covering inquiry, quotation, order, production and delivery.

Supporting Global EVA Mat Supply

Hongle's manufacturing infrastructure is designed to serve both domestic and international customers. Its factory area, employee base and production capacity provide a foundation for larger-volume orders, while its OEM/ODM capabilities support customers looking for customized EVA floor mat solutions.

The company's martial arts mat products are also associated with multiple certifications listed on its product page, including EN71, CCC, CE, BSCI, CPSIA and SCAN. These certifications and testing capabilities can be relevant for buyers evaluating product quality and market-entry requirements.

With its combination of EVA foam manufacturing experience, product development capabilities and international supply experience, Hongle continues to develop flooring solutions for martial arts, fitness and other activity-based environments.

Looking Ahead

The development of martial arts flooring is increasingly connected to requirements for cushioning, traction, durability, easy maintenance and flexible installation. Hongle's approach combines these functional considerations with an established manufacturing infrastructure and customization capabilities.

Its 1m × 1m interlocking EVA Martial Arts Mat demonstrates this approach by combining EVA foam construction, a five-stripe non-slip surface, multiple thickness options and a puzzle-style installation system. These characteristics allow the product to serve different training environments while giving customers flexibility in configuring their flooring spaces.

With more than 20 years of experience in EVA foam mat production, a 6,000-square-meter factory, more than 200 employees and dedicated manufacturing and R&D capabilities, Guangxi Hongle Plastic Products Co., Ltd. is positioned to continue developing EVA flooring solutions for martial arts, fitness and other commercial and residential applications.

For more information about Hongle's EVA Martial Arts Mats, OEM/ODM capabilities and broader foam flooring product range, visit the company's official website: <https://www.honloymat.com/>



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