
2023 CATALOGUE

CYCLING WEBBING PRODUCTS

骑行类织带产品



POLYUNION

WEAVING THE FUTURE

POLYUNION

特大实业有限公司

Polyunion Industrial Limited is a global manufacturer based in China, specializing in high-quality webbing products. With over 40 years of experience, we offer a diverse range of webbing options, from recycled yarn to various professional webbing. Our production facilities are strategically located in Taiwan, Shenzhen, Vietnam, and Dongguan, supported by business offices in China and France. Our innovative approach, patented designs, and advanced technology enable us to develop and produce a wide range of webbing and customized sewn products, ensuring one-stop solutions for our valued customers.

特大实业有限公司是一家总部位于中国的全球高质量织带制造商，凭借超过40年的经验，我们提供从回收纱线到各类专业织带。我们的生产基地战略性地分布在台湾、深圳、越南和东莞，同时在中国和法国设有业务办公室。我们的创新思维、专利设计和先进技术使我们能够开发和生产各种织带和定制相关成品，为我们尊贵的客户提供一站式解决方案。



YARN

WEBBING

SEWING
PRODUCTS

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CYCLING WEBBING

POLYUNION INDUSTRIAL LIMITED

Polyunion has developed a range of innovative webbing products specifically designed for the cycling industry. Our high-performance cycling webbing is dedicated to meeting the rigorous demands of cyclists, providing exceptional performance, reliability, and comfort.

Made from quality materials like polypropylene, polyester, and nylon, our webbing is durable and lightweight. We cater to road, mountain, and urban cyclists with superior designs and manufacturing processes.

Our webbing complies with regulations and specific cyclist requirements. Optional post-treatments like waterproofing, abrasion and anti-UV properties resistance enhance functionality.

特大为骑行行业开发了一系列专门设计的创新织带产品。我们的高性能骑行带条致力于满足骑行者的严苛要求，提供卓越的性能、可靠性和舒适度。

织带可选用聚丙烯、特多龙和尼龙等优质材料制成，耐用且轻便，为公路、山地和城市骑行者提供优越的设计和制造工艺。

我们的织带符合法规和骑行者的特殊要求。可选的后处理包含防水、耐磨和防紫外线功能，以提升骑行装备的功能性。





Helmet webbing

头盔带

Helmet webbing is utilized to secure the helmet firmly to the cyclist's head, offering adjustable and secure fastening to ensure the helmet remains in position during rides. It can be crafted from materials like PP, nylon, providing a soft touch for enhanced wearer comfort. The compact weaving pattern prevents the helmet buckle from easily slipping off during movement.

头盔带条用于将头盔安全地固定在骑行者的头部。它提供可调节且牢固的固定，确保头盔在骑行过程中保持位置稳定。头盔带条可以由聚丙烯（PP）、尼龙和其他材料制成，触感柔软，使佩戴头盔的终端用户感到舒适。紧密编织的图案防止头盔扣环在运动中轻易脱落。





Backpack webbing

背包带

The adjustable Cycling backpack straps ensure a comfortable fit and distribute the backpack's weight evenly. Various materials are used for different types of backpack webbing to meet specific tensile strength and abrasion resistance requirements while offering low ductility and shrinkage to meet the specifications necessary for cycling products.

可调节的骑行背包带可以确保舒适贴合，并均匀分配背包重量。背包带可使用不同类型的材料，使其能够满足特定的拉伸强度和耐磨性要求，同时具有低延展性和低收缩率，以满足骑行产品所需的规格要求。





Handle webbing

手把带

In contrast to conventional handles, our handle webbing is seamlessly produced by integrating the padding (ex. stretch nylon) during the manufacturing process. Utilizing nylon yarn, our all-in-one production handles are soft, touch-friendly, and highly durable. Depending on the handle's application, the length, thickness, and material can be customized and undergo optional post-treatments for optimal suitability.

与传统的手把带制作方式不同，我们的手把带条是一体化生产的，它们在制造过程中采用了垫层（例如弹性尼龙）进行编织。利用尼龙纱线，我们的一站式生产的手把带更加柔软、触感舒适且更加耐用。根据手把带的应用，可以优化调整手把的长度、厚度和材料，并进行合适的后处理。





Seatbelt webbing

座椅安全带



Seatbelt webbing can be used to create safety and stability for passengers in the cycling products, such as child carriers or tandem bicycles. Seatbelt webbing, with its strength and adjustable properties, is often utilized to create secure and reliable seatbelt systems in these specialized cycling products.

座椅安全带可用于在骑行产品中，如儿童座椅或双人自行车，以创造安全和稳定性。座椅安全带凭借其强度和可调节性，在这些特殊的骑行产品中经常用于创建安全可靠的座椅安全系统。





Pedal Straps

脚踏带

Pedal straps improve cycling efficiency by securing the cyclist's feet to the pedals. Nylon webbing is the most common material used to create these straps because it is durable, flexible, and resistant to abrasion. The webbing is woven to create a sturdy strap that can be easily adjusted to fit the cyclist's foot. Nylon webbing also has low stretch, ensuring that the pedal straps stay in place during cycling.

脚踏带通过将骑行者的脚固定在脚踏上提高了骑行效率。尼龙是用于制作这些脚踏带的最常见材料，因为它耐用、灵活且抗磨损。织带经过编织，形成坚固的绑带，可轻松调整以适应骑行者的脚型。尼龙材质的低延展性确保脚踏带在骑行过程中保持稳定。





Shoelace cord

鞋带



The laces have a soft and lightweight texture, while the use of high-tenacity nylon enhances their durability and resistance to abrasion, ensuring they withstand the pulling forces, frequent use, and various weather conditions encountered during cycling. For added safety, the shoelaces can be woven with reflective yarn, providing increased visibility for riders during nighttime cycling.

鞋带具有柔软轻盈的质感，而使用高韧度的尼龙材质可增强了其耐久性和抗磨损性，确保其能经受住骑行中的拉力、频繁使用以及各种天气条件的考验。为了增加安全性，鞋带可以采用反光纱线编织，提供夜间骑行时骑手更好的可见性。



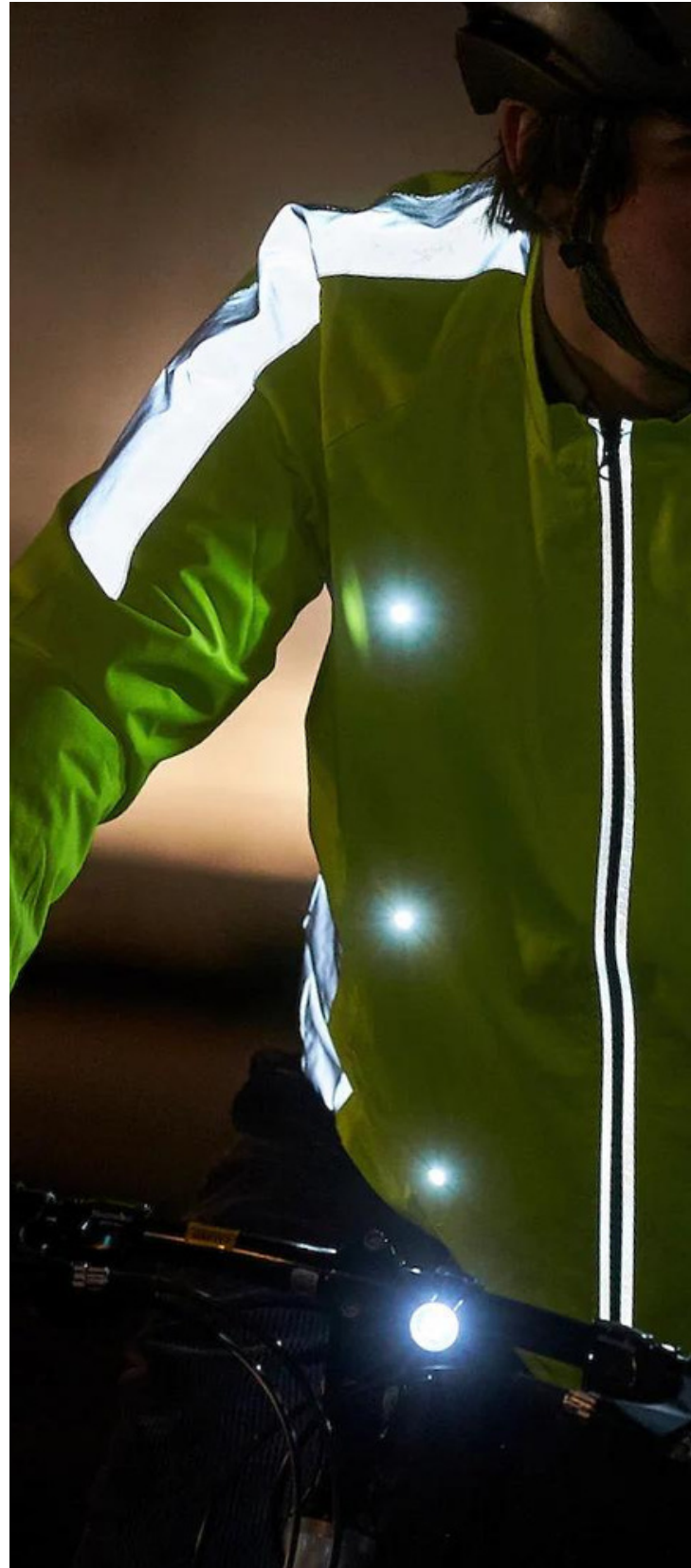


Reflective webbing

反光带

Reflective webbing is specifically designed to have reflective properties by incorporating materials like glass beads or microprismatic films. This webbing reflects light back towards its source, ensuring high visibility even in low-light or dark conditions. In the cycling industry, reflective webbing plays a vital role in enhancing visibility and safety. It helps reduce the risk of accidents, particularly in low-light or nighttime situations, by improving the visibility of cyclists to others on the road.

反光带采用具有反光性能的材料构建，如玻璃珠或微棱镜薄膜。这些材料在制造过程中与带条结合，形成高度可见和反光的表面。反光带条能够将光线反射回源头，即使在低光或黑暗条件下也具有很高的可见性。在骑行行业中，反光带条在增强可见性和安全性方面起着重要作用。它有助于提高安全性，减少事故的发生概率，特别是在低光或夜间条件下。





Elastic webbing

松紧带

Elastic webbing finds wide applications in cycling products. It is commonly used in accessories and components such as cycling clothes. The properties of elastic webbing provide a comfortable fit and flexibility, ensuring stable and secure support for cyclists during their rides. Additionally, various printing methods can be employed to create vibrant patterns.

弹性带条在骑行产品中有广泛的应用。它常被用于制作配件和组件，如骑行服饰等。弹性带条的特性能够提供舒适的贴合感和灵活性，确保骑行者在运动中获得稳定和安全的支撑。同时，可以采用不同的印刷方法，使图案更加生动。





Daisy chain

开口带

A daisy chain is a strip of webbing with multiple loops for attaching gear. It is sewn onto a backpack to increase its carrying capacity and provide easy access to items. This one-piece design saves production time and costs. The width, length, loop size, and attachment points can be customized to fit different needs, resulting in a clean and strong appearance. Daisy chains are ideal for hanging cycling accessories or for use in the backpacks.

开口带是一条带有多个环圈的带条，用于固定装备。它被缝制在背包上，增加了其携带能力，并便于存取物品。这种一体化设计节省了生产时间和成本。宽度、长度、环圈尺寸和固定点可以根据不同需求进行定制，呈现出整洁而坚固的外观。开口带非常适合悬挂骑行配件，也可用于背包产品。





Recycled webbing

回收织带

Our recycled products are certified by the Global Recycle Standard (GRS) and meet safety and material reuse management standards. Made from recycled or reused materials like plastic bottles or excess webbing, our recycled webbing offers an eco-friendly solution. Utilizing recycled materials in manufacturing is crucial for sustainability-conscious consumers. It helps minimize waste, preserve natural resources, and provides high-quality, durable webbing for your products.

我们的回收织带已通过全球再生标准（GRS）认证，并符合安全生产和材料再利用管理标准。它们是由回收或再利用的材料制成，例如塑料瓶或我们库存中的未使用带条。在制造过程中使用再生材料对于注重环保的消费者来说变得越来越重要。这种可持续选择有助于减少废物，保护自然资源的同时，为您的产品提供高质量和耐用的织带。



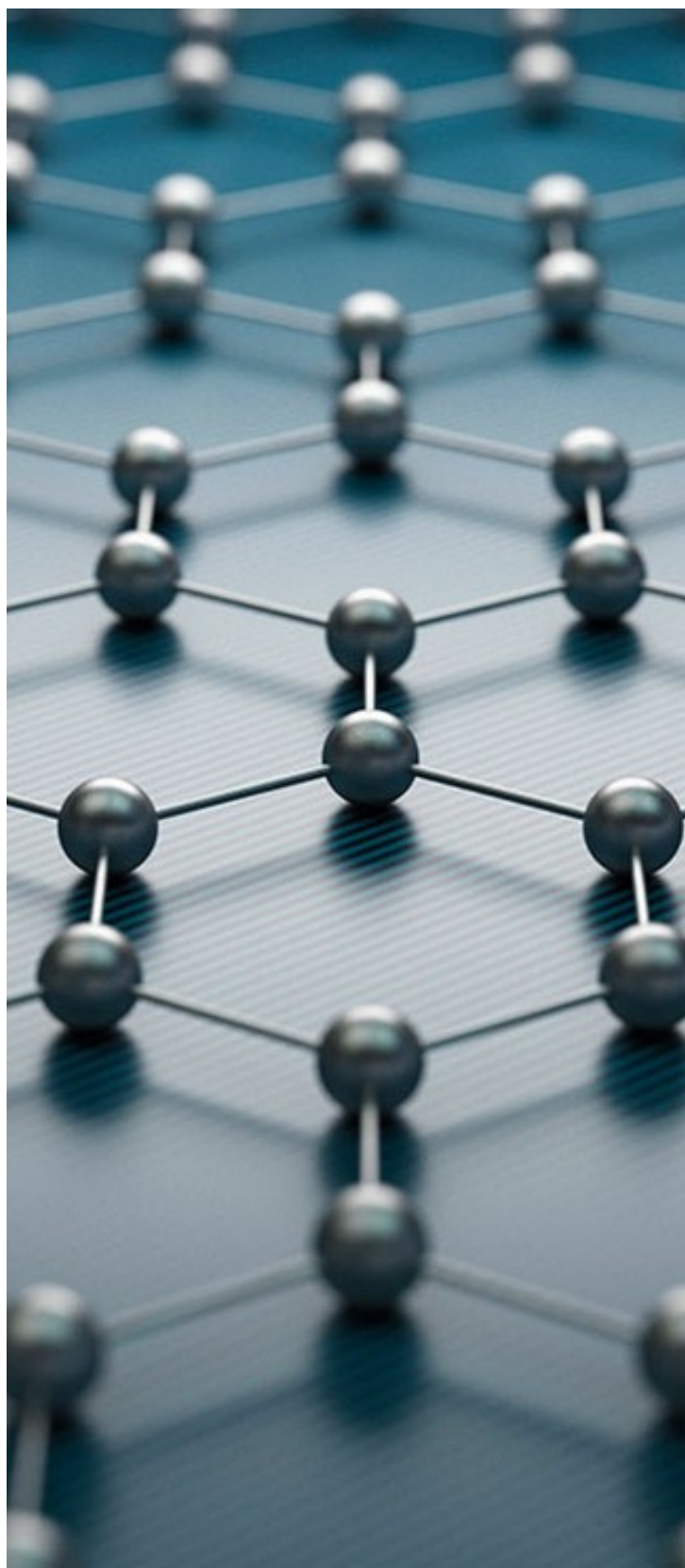


Graphene fiber webbing

石墨烯纤维织带

The graphene, a nano-grade substance can be spun into yarn for light, tenacious and flexible webbing which enhances functionality without altering other yarns' original properties. It offers excellent antibacterial properties, ensuring a clean and hygienic cycling experience. The high thermal conductivity of the webbing accelerates blood circulation, improving cyclists' physical performance. Additionally, it provides exceptional anti-static electricity performance, maximizing the comfort during rides.

石墨烯是一种可以纺成纱线的纳米级物质，用于制作轻巧、坚韧和柔韧的织带，提升织带整体功能性而不改变其他纱线的原始特性。它具有出色的抗菌性能，确保骑行过程中的清洁和卫生。高热导率的纤维带能够加速血液循环，提高骑行者的身体表现。此外，它还具有杰出的抗静电性能，最大程度地提升骑行过程中的舒适度。



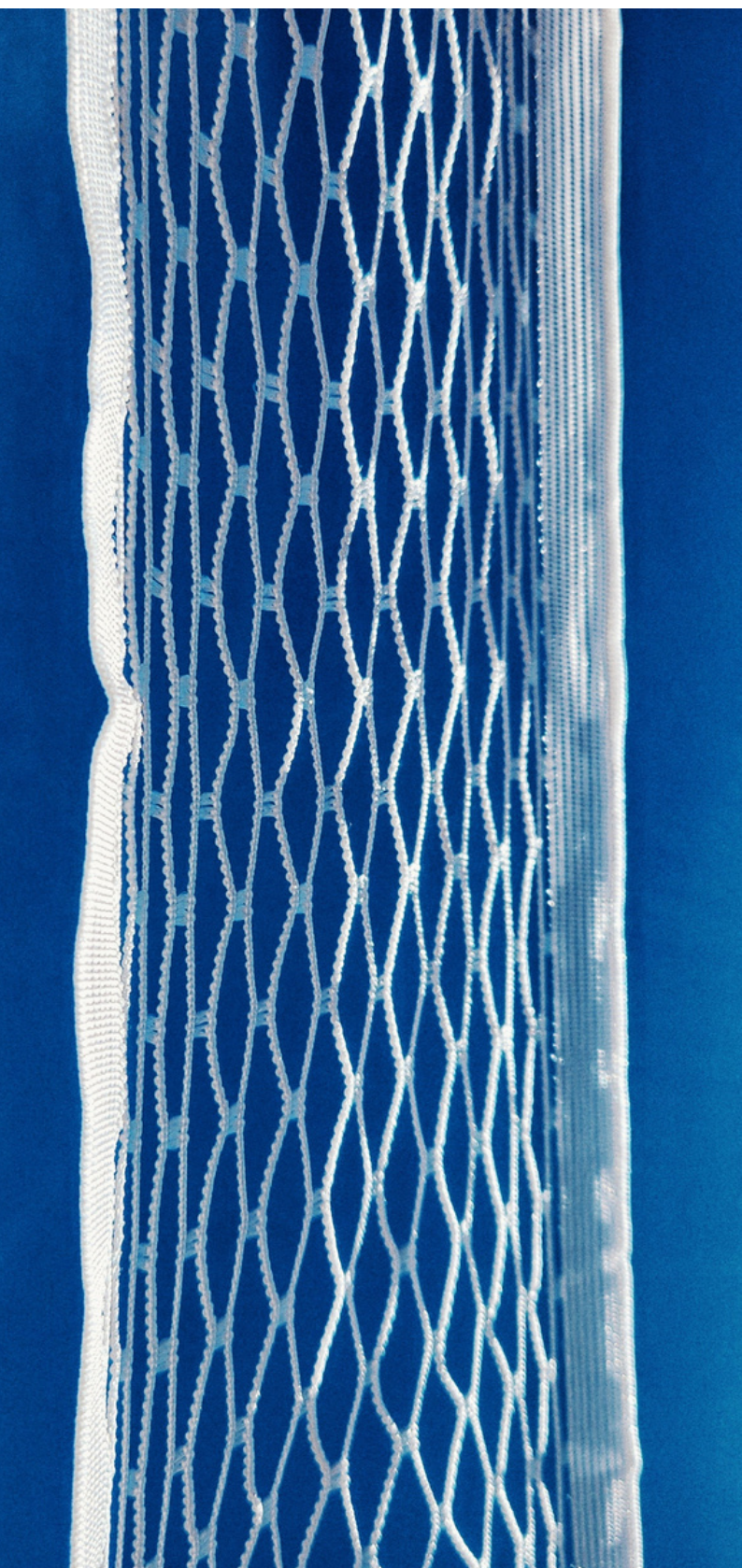


Mesh webbing

网状织带

Mesh webbing, known for its open and porous structure, is created by weaving or knitting fibers to form a grid-like pattern with visible gaps. This design promotes air and moisture circulation, resulting in enhanced ventilation, moisture management, and overall comfort for cyclists. By incorporating mesh fabrics into various cycling gear and accessories, we strive to improve performance and provide a more enjoyable riding experience.

网状织带是一种具有开放、多孔结构的纺织材料。它是通过交织来形成网格状图案，线间可见间隙或孔洞。这种结构提供出色的透气性和通风性，为骑行者提供舒适性。通过在各种骑行装备和配件中融入网状织带，我们旨在提升性能，确保更愉快的骑行体验。





Nano TiO₂ fiber webbing

纳米TiO₂纤维织带

With excellent antibacterial performance, Nano TiO₂ Fiber Webbing ensures a clean and hygienic experience during rides. Thanks to the power of efficient photo catalytic performance, our webbing utilizes light energy to induce chemical reactions, effectively eliminating odors and converting unpleasant smells into harmless substances. Additionally, our webbing boasts outstanding absorption capacity, keeping cyclists comfortable by efficiently absorbing sweat and moisture, allowing for a dry and enjoyable ride.

纳米TiO₂纤维织带出色的抗菌性能确保骑行时的清洁与卫生。得益于高效的光催化性能，它能够利用光能诱导化学反应，有效消除异味并将其转化为无害物质。此外，还具有出色的吸湿能力，有效吸收汗水和湿气，让骑行者保持干爽舒适，享受愉快的骑行体验。





Guazatine Acetate Salt fiber webbing

双弧酯盐纤维织带

Guazatine Acetate Salt Fiber Webbing sterilizes and eliminates bacteria, ensuring cleanliness during rides. Thoughtfully designed with a focus on breathability, our webbing allows for optimal airflow, keeping cyclists cool and comfortable throughout cycling adventures. Our Guazatine Acetate Salt Fiber Webbing effectively neutralizes and eliminates unpleasant smells, providing a fresh and enjoyable cycling journey every time.

双弧酯盐纤维织带具有杀菌、消除细菌的功能，确保骑行期间的清洁。注重透气性的精心设计，能够实现最佳的空气流动，使骑行者在整个骑行过程中保持凉爽和舒适。同时也能够有效中和和消除不愉快的气味，为每次骑行旅程带来清新愉悦的感觉。



QUALITY ASSURANCE

品质保证

Polyunion prioritizes quality in all aspects of its operations, from raw materials to finished products. With strict quality control and management standards, the company has an experienced team and professional equipment for efficient quality tests.

特大秉承品质至上的经营理念，从原材料到成品都有严格的质量控制和管理标准。公司拥有经验丰富的生产和质量管理团队，以及专业的设备来高效完成一系列的质量测试。



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IN-HOUSE LABORATORY
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POST-TREATMENT PROCESS

后处理工序

Experience superior post-treatment process that add value and durability to your packaging solutions.

体验卓越的后处理过程，为您的包装方案增添价值和耐用性。



SUBLIMATIN PRINTING

升华热转印



CUTTING

切带



HEAT-SETTING

烫带

FUNCTIONAL POST-PROCESSING

功能性后处理



Waterproof
Water
repellent

防泼水



Flame retardancy
High temperature
resistant

阻燃抗高温



Anti-
bacterial
Anti-Virus

抗菌



Anti-static

抗静电



UV
Resistance

抗UV



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YOUR TRUSTED WEBBING PARTNER

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