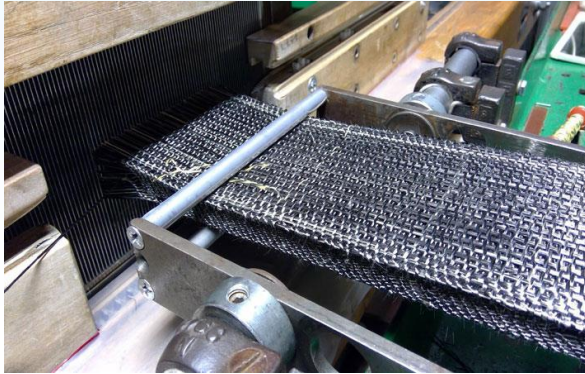


Bally Ribbon Mills Unveils Advanced Textile Products



Pic: Bally Ribbon Mills

Bally Ribbon Mills, leader in the design, development, and manufacture of highly specialised engineered woven fabrics, has unveiled new advanced textile products to increase part functionality and utility. The two new products offer superior features, including lighter weight, specific strength, durability, stability, abrasion resistance, and sustainability.

As companies demand higher durability and product differentiation, BRM has innovated with its E-Webbings and TPCM thermoplastic materials. Both products offer superior features, including lighter weight, specific strength, durability, stability, abrasion resistance, and sustainability.

BRM's advanced textile products are ideal for electronic transmission data, energy storage, and manufacturing automation. Working with companies that include NASA, Tier 1 Defence suppliers, as well as directly with the Department of Defence (Army, Air Force), BRM has developed advanced textiles used in parachutes, safety harnesses, personal protective equipment, and chemically resistant webbing. BRM is in accordance with safety standards, specifications and certifications, including ISO9001, AS9100, ISO13485, ISO14000, NFPA, ASTM, ANSI, and CSA.

E-Webbings are narrow-fabrics that are conductive, enabling the electronic transmission of data sensations (light, noise, vibrations, heat), and power that can be stored or used to actuate/transform objects. Unique conductive fibres can be woven in conjunction with other fibres and can be used in embedded sensors in both wearable and integral technology, including the Internet of Things.

TPCM thermoplastic composite materials are 2-D or 3D-woven, thermoplastic structures for incorporation into composite parts produced within varied, continually-evolving molding processes.

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The woven structural shapes are used in hybrid composite structures used in numerous industries, including aerospace/aviation, automotive/transportation, defence, architecture/infrastructure, marine and sports/recreation.

BRM customises weave designs to modify performance properties, offering expert capabilities for custom options and configurations to optimise designs. BRM's laboratories consider application details, width, tensile strength, elongation, colour, quantity, and other special requirement with customised advanced textile products.

Link

<https://www.technicaltextile.net/news/bally-ribbon-mills-unveils-advanced-textile-products-271112.html>

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