

Shanghai Puteken Launches High Temperature Kevlar Conveyor Belt for Glass Tableware

Puteken's High Temperature Kevlar Conveyor Belt is an industry game-changer, crafted from an innovative blend of Kevlar fiber, stainless steel fiber, and other high-temperature composite materials.



Shanghai, China Jun 11, 2025 ([Issuewire.com](https://www.issuewire.com)) - Shanghai Puteken Transmission System Co., Ltd., a leader in industrial transmission and conveyor solutions, is proud to announce the launch of its latest innovation — the High Temperature [Kevlar Conveyor Belt](#), designed specifically for the rigorous demands of glass tableware manufacturing. This cutting-edge product is engineered to perform flawlessly in environments that require exceptional heat resistance, durability, and mechanical strength.

As industries continue to push the limits of production speed and quality, the demand for conveyor belts capable of withstanding extreme temperatures and harsh operating conditions has never been higher. Glass tableware manufacturers, in particular, face unique challenges such as exposure to intense heat during forming and annealing processes, as well as the risk of mechanical damage from sharp or heavy components moving on the production line.

Elevating Industrial Conveyor Performance in High-Heat Environments

Puteken's High Temperature Kevlar Conveyor Belt is an industry game-changer, crafted from an innovative blend of Kevlar fiber, stainless steel fiber, and other high-temperature composite materials. This fusion offers a robust solution that not only endures instantaneous temperatures up to 550°C but also maintains exceptional mechanical integrity and longevity.

The introduction of this [Kevlar conveyor belt](#) marks a significant leap in addressing the complex needs of heat-intensive production lines. Unlike conventional conveyor belts, which can degrade quickly or lose strength under extreme heat, Puteken's product delivers reliable performance without compromise. Its exceptional thermal resistance ensures the belt remains stable, safe, and efficient during continuous exposure to high temperatures typical in glass tableware fabrication.

Shanghai Puteken Transmission System Co., Ltd. continues its legacy of innovation and excellence by offering a product that is not only technologically advanced but also designed with user needs in mind—whether it's improving uptime, reducing maintenance, or enhancing overall manufacturing quality.

Key Features That Set the High-Temperature Kevlar Conveyor Belt Apart

- **Heat Resistance:** Engineered with stainless steel and Kevlar fibers, the belt withstands instantaneous temperatures reaching 550°C, making it ideal for glass tableware production lines exposed to intense heat.
- **Durability:** Kevlar fibers provide outstanding resistance to wear and tear, extending the conveyor belt's service life significantly beyond traditional materials.
- **High Tensile Strength:** The composite fiber structure delivers superior tensile strength, allowing the belt to handle heavy glassware loads without stretching or breaking.
- **Puncture & Tear Resistance:** The combination of Kevlar and stainless steel fibers ensures excellent protection against punctures and tears, critical in environments where sharp edges and abrasive surfaces are common.

"Introducing our High Temperature [Kevlar Conveyor Belt](#) is a proud milestone for Shanghai Puteken," said Candy, Senior Product Manager. "This innovation reflects our commitment to pushing technological boundaries to meet the toughest industry demands. Glass tableware manufacturers can now rely on a conveyor belt that not only endures extreme heat but also enhances durability and operational efficiency. We believe this product will transform heat-intensive production lines by reducing downtime and increasing output quality."

Designed to Meet Industry-Specific Challenges with Precision

Understanding the rigorous needs of glass tableware manufacturing, Puteken designed the Kevlar conveyor belt to address several industry pain points:

- **Thermal Stress:** Traditional belts degrade quickly under the rapid heating and cooling cycles of glass production. The Kevlar conveyor belt's high thermal resistance ensures it performs consistently without warping or weakening.
- **Mechanical Wear:** Glassware production often involves sharp edges and heavy loads. The Kevlar composite construction provides unmatched puncture and tear resistance, safeguarding against common mechanical damage.
- **Load Capacity:** The high tensile strength allows the belt to carry heavy glass items with minimal stretch, maintaining alignment and reducing the risk of product damage or production delays.

This thoughtful engineering empowers manufacturers to achieve greater operational reliability and product quality, ultimately boosting competitiveness in a demanding market.

Setting a New Industry Standard in Conveyor Belt Technology

Puteken's commitment to quality and innovation is demonstrated through this new product's rigorous testing and adherence to international standards. The High Temperature Kevlar Conveyor Belt has undergone extensive heat and mechanical endurance trials, ensuring it delivers consistent performance even under the most challenging conditions.

Market research indicates that industrial sectors requiring high-temperature conveyance solutions are growing steadily, driven by advances in materials manufacturing and automation. The launch of Puteken's **Kevlar conveyor belt** strategically positions the company to meet this rising demand with a product that blends performance, durability, and cost-effectiveness.

Launch Details and Availability

The High Temperature **Kevlar Conveyor Belt** is now available for order through Shanghai Puteken Transmission System Co., Ltd.'s global distribution network. Customers can select from a range of standard widths to suit various production line specifications. Custom sizes and specialized configurations are also available upon request.

For glass tableware manufacturers and other industries requiring robust, heat-resistant conveyor belts, this product represents a valuable investment in long-term efficiency and reliability.

Customer-Centric Innovation Driving Success

At Shanghai Puteken, customer satisfaction is paramount. The company offers comprehensive pre- and post-sale support, ensuring seamless integration of the Kevlar conveyor belt into existing systems. Technical assistance, training, and maintenance services further guarantee optimal performance and maximum return on investment.

Puteken invites manufacturers and partners to explore how this innovative conveyor belt can enhance their production capabilities. With a dedication to continuous improvement and technological advancement, Shanghai Puteken remains a trusted partner for industrial conveying solutions worldwide.

In summary, the High Temperature [Kevlar Conveyor Belt](#) by Shanghai Puteken Transmission System Co., Ltd. exemplifies the company's dedication to engineering excellence and customer success. This product not only meets the demanding thermal and mechanical requirements of the glass tableware industry but also sets a benchmark for innovation and durability in industrial conveyor systems.

To learn more about the High Temperature Kevlar Conveyor Belt and how it can transform your production line, visit <https://www.puteken.com/> or contact the sales team at putekenbelt@gmail.com

About Shanghai Puteken Transmission System Co., Ltd.

Shanghai Puteken Transmission System Co., Ltd. is a leading global provider of advanced industrial transmission and conveyor solutions. Known for its innovative product portfolio, high-quality manufacturing, and customer-centric approach, Puteken serves diverse industries including glass manufacturing, packaging, automotive, and more. With a commitment to continuous innovation and excellence, Puteken helps clients worldwide improve productivity and operational efficiency.

For more info about the company

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