




# Shanghai Puteken Transmission System Co., Ltd. Introduces High-Performance Silicone Conveyor Belts for Enhanced Industrial Efficiency

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[Silicone conveyor belt](#) - Tuesday, March 18, 2025.  
Submitted by [Mr. Candy](#).

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Shanghai Puteken Transmission System Co., Ltd., a leader in innovative conveyor solutions, proudly announces the launch of its latest **Silicone Conveyor Belt**. Designed to meet the growing demands of various industries, this advanced conveyor belt offers unparalleled durability, heat resistance, and non-stick properties, making it the perfect solution for manufacturing, food processing, pharmaceuticals, and high-tech industries.

## Redefining Industrial Conveyor Solutions with Advanced Silicone Technology

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As industries continue to evolve, the demand for high-performance conveyor systems has never been greater. Whether in food production, electronics manufacturing, or heavy-duty industrial applications, the right conveyor belt can significantly improve efficiency, reduce downtime, and ensure seamless operations.

Shanghai Puteken Transmission System Co., Ltd. has engineered its **Silicone Conveyor Belt** to solve common industry

challenges, including material sticking, heat degradation, and poor durability. By integrating cutting-edge silicone technology, this conveyor belt offers superior performance, longevity, and adaptability across diverse applications.

“With this launch, we are setting new benchmarks in **conveyor belt** performance,” says Candy, CEO of **Shanghai Puteken Transmission System Co., Ltd.** “Our silicone belts are engineered to withstand extreme temperatures, resist sticking, and maintain food-grade safety standards, making them an indispensable asset for businesses striving for efficiency and excellence.”

## Key Features & Benefits of the Silicone Conveyor Belt

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Shanghai Puteken’s **Silicone Conveyor Belt** comes packed with industry-leading features:

- **Non-Stick Surface:** The belt’s silicone coating prevents materials from sticking, ensuring smooth, uninterrupted operations in food processing, pharmaceuticals, and industrial automation.
- **High-Temperature Resistance:** Designed to endure temperatures up to 260°C (500°F), this belt excels in extreme environments, making it ideal for baking, drying, and high-heat manufacturing applications.
- **Certified Food-Grade Quality:** Compliant with FDA and EU food safety standards, this belt ensures hygienic food production, reducing contamination risks and improving quality control.
- **Exceptional Electrical Insulation:** With outstanding dielectric properties, the belt is perfect for use in electronics manufacturing and cleanroom environments.
- **Versatile Processing Options:** Available in customized shapes, thicknesses, and specifications, the belt can be tailored to fit various conveyor systems, ensuring seamless integration into any production line.

## Industry Applications: Where Innovation Meets Performance

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Shanghai Puteken’s **Silicone Conveyor Belt** is designed for multiple industries, offering unmatched efficiency and durability in:

- **Food Processing:** Perfect for bakery lines, confectionery production, and meat processing, where hygiene and heat resistance are critical.
- **Pharmaceuticals:** Ensuring sterile transportation of medicine, capsules, and medical equipment with zero contamination risk.
- **Electronics & Semiconductor Manufacturing:** Providing electrostatic discharge (ESD) protection for delicate components.
- **Automotive & Aerospace:** Used in high-temperature curing and drying applications to improve manufacturing precision.

## A Game-Changer for Sustainable and Efficient Manufacturing

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**Shanghai Puteken Transmission System Co., Ltd.** remains committed to eco-friendly and energy-efficient manufacturing solutions. The **Silicone Conveyor Belt** is engineered to be long-lasting, reducing the frequency of replacements and minimizing industrial waste. Additionally, its low friction and energy-saving properties contribute to more efficient conveyor

system operations, further optimizing cost savings for businesses.

“Efficiency, safety, and sustainability are at the core of our product innovation,” says Candy. “Our **silicone conveyor belt** is a direct response to industry needs, delivering a solution that enhances productivity while supporting sustainability initiatives.”

## Availability & Customization Options

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Shanghai Puteken Transmission System Co., Ltd. offers custom manufacturing for its **Silicone Conveyor Belt**, allowing businesses to tailor the belt to their specific needs, including:

- Thickness & Width Customization
- Specialized Surface Coatings for enhanced grip or smoother transport
- Perforations & Textures for specialized applications
- Reinforced Edges for added durability in high-stress environments

The **Silicone Conveyor Belt** is available for order globally. For inquiries, bulk orders, and customization options, visit, <https://www.puteken.com/product-category/conveyor-belt-material-silicone/> or contact our sales team at [putekenbelt@gmail.com](mailto:putekenbelt@gmail.com)

### About Silicone conveyor belt

**Shanghai Puteken Transmission System Co., Ltd.** is a global leader in industrial conveyor solutions, specializing in high-performance conveyor belts designed for food processing, pharmaceuticals, manufacturing, and high-tech industries. With a strong commitment to innovation, quality, and customer satisfaction, the company continues to set industry benchmarks for durability, efficiency, and sustainability. The **Silicone Conveyor Belt** from Shanghai Puteken Transmission System Co., Ltd. was designed to address typical issues in the industry, such as low durability, material sticking, and heat deterioration. This conveyor belt offers exceptional performance, durability, and versatility across a range of applications by incorporating state-of-the-art silicone technology.

[More about Silicone conveyor belt](#)

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