




# Shanghai Puteken Transmission System Co., Ltd. Revolutionizes Food Processing with Easy Clean Homogeneous Belts

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Homogeneous belt - Monday, February 10, 2025.  
Submitted by [Mr. Candy](#).

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Shanghai Puteken Transmission System Co., Ltd. is thrilled to announce the launch of its innovative Easy Clean Homogeneous Belt, a cutting-edge solution that is set to redefine food processing efficiency and hygiene standards across various industries. The Easy Clean **Homogeneous Belt** offers unparalleled cleaning convenience, zero elongation for improved performance, and a highly hygienic design ideal for sectors like food production, pharmaceuticals, and more.

In a world where cleanliness is paramount, the Easy Clean **Homogeneous Belt** combines technology and hygiene into one seamless solution. The smooth, non-porous surface of the belt ensures quick and effective cleaning, significantly reducing cleaning times while saving on water consumption. Designed to meet the rigorous demands of food processing industries, this belt brings unparalleled operational efficiency to manufacturers and service providers alike.

[A Game-Changer for Food Processing: Why the Easy Clean Homogeneous Belt Matters](#)

The Easy Clean **Homogeneous Belt** from Shanghai Puteken Transmission System Co., Ltd. is crafted using thermoplastic urethane (TPU) or thermoplastic elastomer (TPE), both of which are renowned for their strength, durability, and hygienic properties. These belts are particularly effective in high-demand food industries such as meat and poultry, fish and seafood, bakery, and confectionery sectors.

Designed to support both sprocket-driven positive drive and pulley-driven friction drive systems, the Easy Clean **Homogeneous Belt** is a versatile solution that helps companies meet the ever-increasing demand for efficiency, hygiene, and cost-effectiveness. With zero elongation, the belt stays tight under tension, preventing unnecessary stretching that could affect performance or cause maintenance issues.

The key feature of this belt is its easy-to-clean surface, ensuring that companies working in the food, pharmaceutical, or medical sectors can comply with the highest hygiene standards. In an industry where cleanliness and contamination prevention are non-negotiable, the Easy Clean **Homogeneous Belt** is transforming operational workflows with every passing day.

## The Science Behind the Easy Clean **Homogeneous Belt**

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Shanghai Puteken's commitment to innovation and quality shines through in the development of the Easy Clean Homogeneous Belt. Made from a continuous piece of TPU or TPE, the belt guarantees no seams, thus eliminating potential spaces where bacteria could accumulate. This material composition allows the belt to maintain its structural integrity, ensuring durability and extended lifespan even under demanding conditions.

This seamless construction ensures a smooth surface, which is crucial for reducing friction during the operation of the belt. It also helps prevent the accumulation of food particles, oils, and residues, ensuring that businesses in the food industry meet their hygiene and safety protocols. With the addition of zero elongation, this belt's design is tailored to enhance the performance of heavy-duty machines while maintaining constant tension, which improves overall efficiency.

## Why the Easy Clean Homogeneous Belt Is a Must-Have for Food Processing Industries

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Food safety and hygiene are top priorities for industries that deal with food production. The Easy Clean **Homogeneous Belt** allows manufacturers to meet both operational and cleanliness standards with ease. It is ideal for use in sectors where equipment needs to be cleaned frequently without affecting the integrity of the product or process.

- **Shorter Cleaning Time:** With its smooth, non-porous surface, the Easy Clean **Homogeneous Belt** reduces the amount of time spent cleaning between product changes. In industries like meat and poultry, fish, and bakery, this can result in significant time and cost savings.
- **Water Conservation:** Traditional belts often require large amounts of water to be properly cleaned. With the Easy Clean Homogeneous Belt, less water is needed, resulting in further cost savings and less environmental impact.
- **Hygienic Design:** The materials used in the construction of the belt meet stringent hygiene and safety standards, ensuring that food remains uncontaminated and safe to consume. The easy-to-clean surface helps reduce the risk of cross-contamination between production batches.
- **Zero Elongation:** The belt's Aramid cord construction ensures minimal or no stretch under tension, which translates into better performance, reliability, and reduced maintenance costs for businesses.

## An Investment in Efficiency and Cost Reduction

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Shanghai Puteken's Easy Clean **Homogeneous Belt** is not just a product; it's an investment in long-term operational efficiency. By reducing cleaning times, lowering water usage, and offering unmatched durability, businesses can achieve operational cost reductions while maintaining the highest standards of cleanliness and hygiene. In an industry where operational costs are crucial to profitability, this product provides the balance needed between performance and affordability.

## Revolutionizing Conveyor Systems with Innovation

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The Easy Clean **Homogeneous Belt** is part of Shanghai Puteken's ongoing efforts to create innovative, high-performance conveyor solutions that tackle the evolving needs of modern industries. Whether used in food processing plants, pharmaceutical production lines, or in medical device manufacturing, this belt provides a sustainable solution to an age-old problem: maintaining clean, efficient, and reliable conveyor systems.

**Shanghai Puteken Transmission System Co., Ltd.** has developed a product that makes a statement in a crowded market by utilising state-of-the-art technology and industrial knowledge. The Easy Clean **Homogeneous Belt** is a prime example of the company's ability to deliver solutions that meet industry-specific needs while remaining cost-effective.

## Key Features of the Easy Clean Homogeneous Belt

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- **Easy to clean and maintain** – Smooth, non-porous surface ensures quick cleaning and meets high sanitation standards.
- **Zero elongation** – Aramid cords ensure minimal stretch under tension for long-lasting performance.
- **Hygienic design** – Manufactured to meet food safety and hygiene requirements.
- **Lower cleaning costs** – Reduces water consumption and cleaning time.
- **Versatile application** – Suitable for meat and poultry, fish, bakery, and confectionery industries.

## Quote from Shanghai Puteken's Spokes Person

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"This innovative product represents a major leap forward for the conveyor belt industry, especially in the food processing sector. At **Shanghai Puteken Transmission System Co., Ltd.**, we've always prioritized quality, hygiene, and operational efficiency. The Easy Clean **Homogeneous Belt** is a culmination of our efforts to create solutions that help businesses meet their operational goals while maintaining the highest standards of cleanliness," said Candy, Spokes Person of Shanghai Puteken Transmission System Co., Ltd.

## The Easy Clean Homogeneous Belt: A Step Toward a Cleaner, More Efficient Future

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The Easy Clean **Homogeneous Belt** from Shanghai Puteken is a groundbreaking innovation that addresses the pressing needs of industries that demand hygiene, efficiency, and cost-effectiveness. As industries across the globe seek to meet

stricter hygiene regulations and improve production times, this belt is the solution that manufacturers have been waiting for.

## A Call to Action: Revolutionize Your Operations Today

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To learn more about the Easy Clean Homogeneous Belt or to place an order, visit [www.puteken.com/product/homogeneous-belt](http://www.puteken.com/product/homogeneous-belt) . Discover how Shanghai Puteken Transmission System Co., Ltd. can help streamline your operations and enhance your production efficiency.

### About Homogeneous belt

**Shanghai Puteken Transmission System Co., Ltd.** is a leading provider of innovative conveyor solutions, specializing in belts, pulleys, sprockets, and other critical components for various industries. The Easy Clean **Homogeneous Belt** is a flexible solution that assists businesses in meeting the growing demands for cost-effectiveness, efficiency, and hygiene. It is made to support both pulley-driven friction drive systems and sprocket-driven positive drive systems.

[More about Homogeneous belt](#)

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