

BENEFITS OF SILICONE CONVEYOR BELT

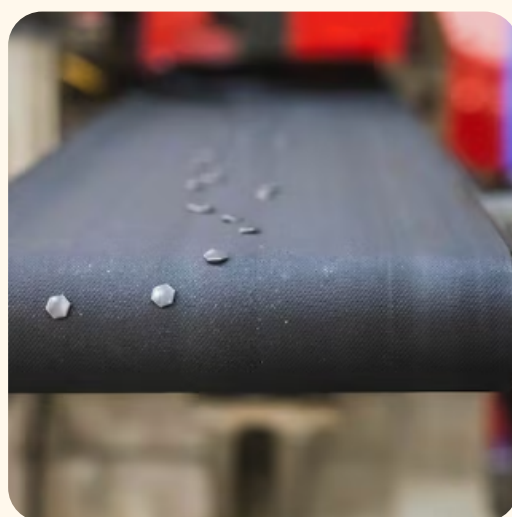
PRESENTED BY

Shanghai Puteken
Transmission System Co., Ltd.

1

High Heat Resistance

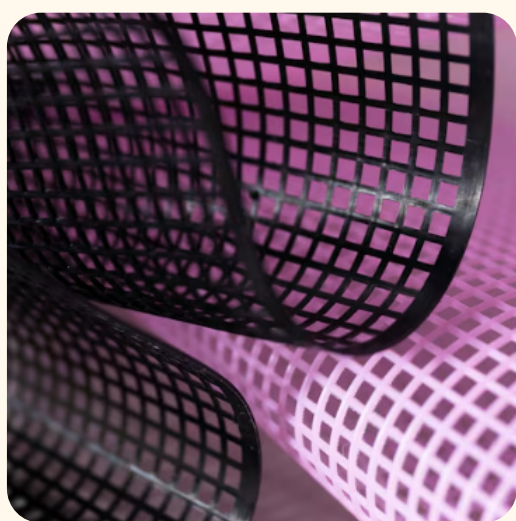
The Silicone Conveyor Belt from Shanghai Puteken Transmission System Co., Ltd. can withstand extreme temperatures, making it ideal for food processing, packaging, and industrial heating applications.



2

Superior Non-Stick Surface

Its non-adhesive silicone layer prevents product sticking, ensuring smooth material flow and reducing cleaning downtime.



3

Excellent Durability & Flexibility

Designed for long-life performance, the Silicone Conveyor Belt maintains its flexibility, resists cracking, and performs efficiently even under continuous load.



4

FDA-Compliant & Hygienic

Safe for direct contact with food items, this belt offers high hygiene standards, making it suitable for bakery, confectionery, and pharmaceutical production lines.



5

Chemical & Weather Resistant

The silicone material resists oils, chemicals, moisture, and harsh environments—ensuring stable performance in both indoor and outdoor conditions.



Why Silicone Conveyor Belt the Best Choice for Modern Industries?

What Is a Silicone Conveyor Belt?

A ***Silicone Conveyor Belt*** is a high-performance, heat-resistant, and non-stick belt solution widely used across food processing, packaging, pharmaceuticals, electronics, and industrial manufacturing. Known for durability and hygiene, it remains one of the most reliable conveyor materials for demanding environments.

Key Benefits of Silicone Conveyor Belt:

Exceptional Heat Resistance

Silicone belts withstand extreme temperatures ranging from -70°C to $+200^{\circ}\text{C}$, making them ideal for bakery ovens, sealing machines, drying systems, and high-temperature industrial processes. This ensures consistent performance without deformation or surface damage.

Non-Stick & Hygienic Surface

The ultra-smooth, non-stick silicone surface prevents residue buildup, ensuring clean material transfer and reduced product contamination. This makes the Silicone Conveyor Belt perfect for food products such as dough, chocolate, meat, pastries, and pharmaceuticals that require strict hygiene.

Superior Flexibility & Durability

Silicone offers excellent elasticity and resistance to cracking or tearing. Even under continuous bending, stretching, or pressure, the belt maintains stability, reducing downtime and maintenance costs.

Chemical & Oil Resistance

Silicone belts resist oils, fats, cleaning agents, and various chemical compounds. This enhances belt longevity and ensures reliable performance across various industries, including electronics manufacturing and chemical processing.

Excellent Grip & Material Handling

The friction-controlled surface ensures smooth and precise conveying, reducing slippage and improving overall productivity. This benefit is especially valuable in light-weight packaging lines and automated equipment.

FDA-Compliant for Food Applications

At Shanghai Puteken Transmission System Co., Ltd., every Silicone Conveyor Belt is produced following FDA-grade safety standards, making it fully suitable for food handling, hygiene-sensitive industries, and cleanrooms.

About the company

Connect with ***Shanghai Puteken Transmission System Co., Ltd.*** for high-quality ***Silicone Conveyor Belt*** solutions designed for industrial efficiency. Our team provides expert guidance, custom specifications, and reliable support to help you choose the perfect conveyor products for your production requirements. Contact us today.

For more info about the company

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Thank You