

CLEATED CONVEYOR BELT: COMPLETE GUIDE TO TYPES, BENEFITS & INDUSTRIAL APPLICATIONS

PRESENTED BY

Shanghai Puteken Transmission System Co., Ltd.

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What Is a Cleated Conveyor Belt?

- A Cleated Conveyor Belt is a belt with raised ribs (cleats) attached across its width.
- Designed to prevent material rollback and carry products at steep inclines.
- Ideal for bulk materials, loose products, and inclined conveying needs.



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Key Features of Cleated Conveyor Belts

- High-Performance Traction
- Incline & Decline Conveying
- Various Cleat Heights & Pattern
- Durable Construction for Heavy Loads



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Main Types of Cleated Conveyor Belts

- Chevron Cleated Belts – Best for fine, slippery materials
- Straight Cleated Belts – Standard for general bulk handling
- Diagonal Cleated Belts – Excellent for tilted angles



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Benefits of Using Cleated Conveyor Belts

- Prevents Material Slippage
- Maximizes Throughput Efficiency
- Reduces Labor & Time Costs
- Versatile for Many Industries



Where Cleated Conveyor Belts Are Used

- Mining & Quarrying
- Food & Beverage
- Logistics & Warehousing
- Manufacturing Lines
- Recycling Facilities



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For more info about the company
Company Name: Shanghai Puteken Transmission System Co., Ltd.

Address: Building 8, Lane 8188, Daye Road, Fengxian, Shanghai, China 201400

Contact Phone: +86 18201785896

Contact Name: Candy

Email: putekenbelt@gmail.com

Website: <https://www.puteken.com/>

Cleated Conveyor Belt: Ultimate Guide to Types, Benefits & Applications

Introduction

A ***Cleated Conveyor Belt*** is a specially designed conveyor belt with raised cleats attached to its surface. These cleats create positive traction and help carry products and materials at steep angles without rollback or slipping. At Shanghai Puteken Transmission System Co., Ltd., we manufacture high-quality cleated conveyor belt systems engineered for durability, efficiency, and performance across a wide range of industries.

1. What Is a Cleated Conveyor Belt?

A ***Cleated Conveyor Belt*** is a conveyor system accessory that features molded or attached cleats on the belt surface. These cleats act like barriers that prevent material from sliding back, making it ideal for inclined or vertical conveying. Unlike standard flat belts, cleated belts allow high-capacity material handling even on steep slopes.

2. Key Features

- Raised Cleats / Flights for better grip
- Custom Cleat Patterns suited to the material type
- Reinforced Belt Material for heavy loads
- Available in Multiple Sizes & Configurations

3. Common Types of Cleated Conveyor Belts

- Chevron Cleated Belts – Best for fine, loose materials
- Straight Cleated Belts – Standard choice for bulk items
- Diagonal Cleated Belts – Designed for angled conveying

Each type is optimized for specific materials, inclines, and operational conditions.

4. Benefits of Using a Cleated Conveyor Belt

- Improved Material Control: Prevents rollback
- Enhanced Efficiency: Reduces manual intervention
- Versatile Applications: Mining, food processing, logistics, recycling
- Lower Operating Costs: Fewer delays, smoother throughput

5. Where They're Commonly Used

- Manufacturing plants
- Packaging lines
- Agriculture
- Mining & quarrying
- Bulk material handling facilities

Conclusion

The right ***Cleated Conveyor Belt*** can transform your material handling processes with better traction, higher efficiency, and reliable performance. Trust ***Shanghai Puteken Transmission System Co., Ltd.*** for customized cleated conveyor belt solutions engineered for your industry's needs.

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Thank You