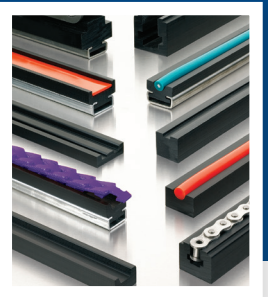


# CONVEYING SOLUTIONS

BELTS | BELT GUIDE | PULLEYS | TENSIONERS





## Fenner Drives Conveying Solutions

Fenner Drives is a leader in providing conveying solutions worldwide. Our extensive portfolio is designed to boost performance, increase longevity, and improve inventory management.

Our belts work on Chain Driven Live Roller (CDLR), Line shaft Driven Live Roller (LDLR), and Motor Driven Roller (MDR) conveyors.

POWERTWIST link belts, Eagle Poly-V, and Eagle O-rings are each aimed at boosting Roller Conveyor performance with a focus on straight conveyors, roller curves, transfer conveyors, and spur & merge conveyors.



### Why the need for Boosters?

Fenner Drives recognized the need for improvement in conveyor performance and developed products to deliver those improvements. Our POWERTWIST belts, Eagle Poly-V belts, and Eagle Twisted O-rings are designed to increase performance by providing increased durability and wear-resistance over black rubber belts. When belt changes are necessary our belts offer easy installation, downtime reduction, and continued throughput of your products.

### Our conveying portfolio serves these markets:

- Distribution Centers
- Food Processing
- Glass Manufacturing
- Gypsum Wallboard Manufacturing
- Meat Processing
- Tile Manufacturing
- Numerous Others

Our conveying products deliver value-added results. Find out more as you read further.

## EAGLE<sup>®</sup> Polyurethane Belting

### SureConnect™

**Eliminates the need for welding in troublesome areas. There is no need to wait for your belt to cure after welding.**

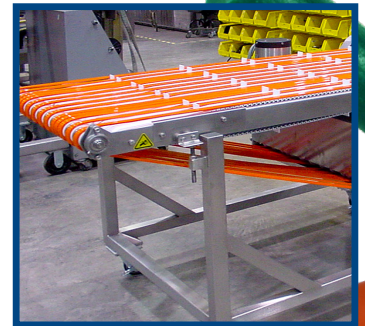
- Strong, consistent connection every time
- A no weld true drop-in replacement for an equivalent welded conveying belt
- Fast, simple installation – make endless and install in minutes
- Available in Orange 89 (smooth) and Green 89 T (textured) round belting

 Video demo at [bit.ly/SureConnect](https://bit.ly/SureConnect)

### Non-Reinforced & Reinforced Polyurethane Belting

**Large inventory of colors, profiles, and durometers from which to select. Engineers will guide you to the best fit for your application.**

- Solid polyurethane construction with excellent abrasion resistance
- Available in a variety of profiles, reinforcements, and compliance options to best fit any conveying application
- Huge selection in stock with same day shipping
- Factory welding is available for all standard and custom Eagle Belts



# EAGLE<sup>®</sup> Polyurethane Belting

## Food Grade Belting

**Round and V-belts available with FDA and EC compliance. Metal Detectable version helps ensure food safety.**

- Over 400 Eagle Belts have EC and/or FDA compliance – perfect for direct food contact
- Blue 80 MD – designed to be detected by standard metal detectors to ensure food safety



## Co-Extruded & SuperGrip Top Belting

**Co-extruded and SuperGrip Top Belting provide diverse belt tops for with various degrees of coefficient of friction to meet the needs of your application.**

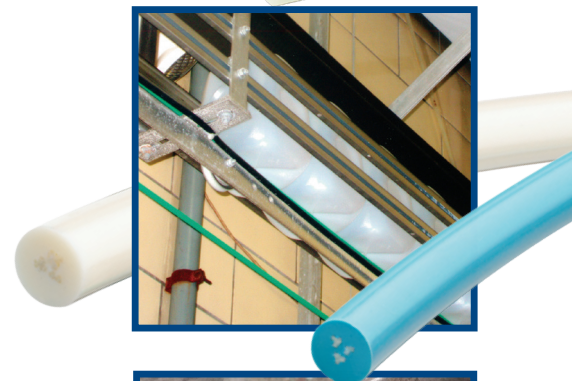
- Extra grip for inclines or cushioning for conveying delicate items
- Integrally bonded tops outperform all adhesive-bonded special surface belts
- Co-extruded Belting incorporates a 60A top surface with a tough 85A base
- SuperGrip Top Belting comes in PVC, PU, or TPE high grip, low wear top surfaces



## Reinforced Can Cable

**Reinforced Can Cable provides a lower cost solution compared to rubber coated steel cables with options in multiple durometers.**

- High performance, low cost alternative to steel cables on canning and bottling lines
- 100% polyester reinforced with high tensile cord
- Easily welded endless on site – no splicing required



## Blue-Green Driver Pad

**Blue-Green Driver Pad is the industry standard for chain-driven roller conveyors.**

- Manufactured to OEM specifications
- Always a consistent profile with ideal hole alignment
- Contains 100% virgin material for maximum performance



## Taper Edge Band

**Our Taper Edge Band eliminates the need to replace or repair PVC belts on gypsum lines too often by providing material that stretches much less and last longer.**

- Longer Lasting
- Less elongation



## Boost your Throughput

You can tailor your belt usage to the needs within your facility. Eagle Poly-V and POWERWIST ROLLER DRIVE are ideal on roller curves because they are abrasion resistant. HT and HEHT O-rings bump up your load capabilities compared to standard O-rings. These are just a few ways our belts can impact performance to keep your products moving for your customers.



- **Install Booster:** drop in replacement for fast, easy installation without machine tear-down
- **Longevity Booster:** lasts longer, especially on powered roller curves
- **Inventory Booster:** make to any length by hand – always have the right size in stock and reduce inventory



Install  
Booster



Longevity  
Booster



Inventory  
Booster

Use POWERWIST Roller Drive for V belts (for B/5L/17) and POWERWIST Move for Round belts (9/16")

## EAGLE

### Poly-V

- **Longevity Booster:** get longer belt life than rubber poly-v belts
- **Performance Booster:** increase performance on curves
- **Productivity Booster:** less down time keeps your line running for optimal throughput



Longevity  
Booster



Performance  
Booster



Productivity  
Booster

### Twisted O-Rings

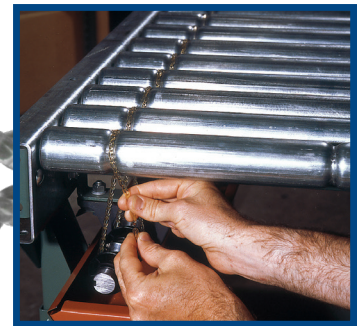
- **Install Booster:** Fast, easy fit, reducing downtime from dismantling line shaft or rollers – install in seconds
- Stock lengths in thicknesses from 1/8" - 3/8" (3-8mm)
- High coefficient of friction for optimal performance



Install  
Booster

### O-Rings

- Solid polyurethane construction
- Elastic with excellent memory and high coefficient of friction
- Popular 1/8", 3/16" and 1/4" sizes always in stock
- Available in HT and HEHT Versions



POWERWIST MOVE and its belt top derivatives provide solutions in unique environments. Soft grip tops or reduced contact surfaces alleviate smudging when carrying glass. The abrasion-resistance and strength are ideal when carrying tile or shingles.

- **Install Booster:** connect and make to length by hand – no welding required
- **Longevity Booster:** unaffected by extreme temperatures, oil, grease, water and chemicals
- **Inventory Booster:** less money tied up in spare belting and no belt waste



**Install  
Booster**



**Longevity  
Booster**



**Inventory  
Booster**

 Video demo at [bit.ly/PTMoveInstall](https://bit.ly/PTMoveInstall)



## Specialty Link Belting

POWERWIST MOVE offers several unique tops on their link belts to suit special applications such as inclines, high temperatures and reduces surface contact. Our Engineers will determine the best option for your application.

### Friction Top

- Urethane top layer for increased coefficient of friction

### SuperGrip Top

- Available with green PVC (soft) or orange PU (abrasion-resistant) high-grip top surface for superior conveying capabilities in slippery environments or steep inclines

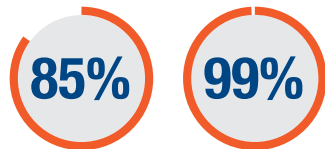
### Bridge Top

- Non-marking PTFE inserts for contact temperature resistance up to 450°F (232°C)

### RCS (Reduced Contact Surface)

- Utilizes non-marking tabs for a 99% reduction in contact area versus standard V-belts

## Average Cost Savings (compared to urethane and rubber belts)



- 85% reduction in operating costs
- 99% reduction in associated labor hours

Learn more: [www.fennerdrives.com/costsavings](http://www.fennerdrives.com/costsavings)



## Trackstar<sup>®</sup> UHMW Belt & Chain Guides

Extend the life of your conveyors with Trackstar Belt and Chain Guide. Provide proper support for your belts and chains with minimal friction to ensure peak performance.

- Produced using only the highest quality UHMW-PE for minimum friction and maximum wear resistance
- Wide range of profiles available with or without channel
- Two piece guide and channel design simplifies installation and replacement
- Available from stock with same-day shipping



## PowerMax<sup>™</sup> Pulleys & Idlers

Your company may be looking for ways to save energy and PowerMax Pulleys & Idlers provide a lightweight option that reduces energy consumption. Reduced energy consumption and the smooth surface of our pulleys combine to reduce noise on your conveyors. Our Engineers will work with your team to develop custom composite solutions, such as sorter shoes or custom pulleys.

- Molded from high-strength glass-reinforced nylon composites
- Lightweight alternative to steel and aluminum
- Corrosion resistant – Perfect for wash down applications
- Consistent Strength – High-strength glass-reinforced nylon is high temperature and abrasion resistant



## T-Max<sup>®</sup> Belt & Chain Tensioners

Our T-Max Tensioners increase efficiency should you need a take-up on your longer runs of belts and chains. Reduce belt slippage and chain bouncing with our rotary or linear tensioners on those problem conveyors.

- Automatically maintains correct tension for optimum drive performance
- Eliminates manual retensioning – decreasing downtime and reducing operating costs
- Constructed of high quality materials for proven durability in harsh environments
- Wide range of tensioners to handle single and multiple strand belt and chain drives



# EAGLE® Welding Kits

## Butt Welders

Provide reliable welds on a variety of profiles from round and vee to flat and specialty profiles.

- Eagle Non-Reinforced belting
- Some Eagle Reinforced belting



## Overlap Welders

Ideal welders for belts that contain multiple reinforcements. For use with Can Cable and Hyfen belts.

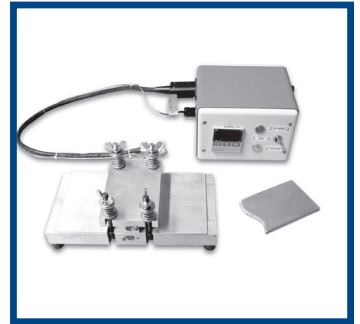
- Strongest weld for Reinforced belting



## TEB Welder

Provides a quick and easy weld with increased strength over PVC. Eliminates stapling.

- Quick weld for Eagle Taper Edge Band



Fenner Drives provides many drop-in solutions, but many facilities still have that problem area that causes more concern than all the rest. Let Fenner Drives' conveying experts, our Technical Services, know about those areas and they will work with you to find the component that best resolves the issue.

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