

FEB
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 Fenner Drives®



Solving Problems in Glass Conveying Applications

Glass Manufacturing Facilities

Glass manufacturers know how important—and difficult—it is to produce blemish-free products. To minimize rejection rates, you need the product to stay clean and free of stains or marks. But some belts don't cooperate; they can leave surface stains and marks. We offer several unique solutions to meet all of your manufacturing needs.

PowerTwist Plus® Zero Downtime V-Belts

Make a mark on your bottom line, not on your glass products.

- **Will not mark or stain glass!**

Leaves glass blemish-free throughout the manufacturing process.

- **Reduce line downtime!**

Make to any length by hand in seconds and install without tools and without dismantling drive system components.

- **Harsh environments? Bring it on!**

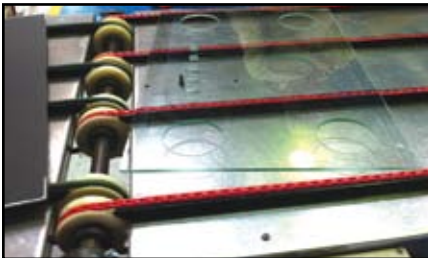
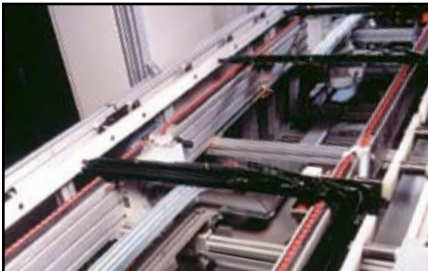
Made from a high performance composite polyester/polyurethane material, PowerTwist Plus is highly resistant to sharp or abrasive materials (such as broken glass or glass dust). Material also has excellent resistance to high temperatures, water, steam, oil, grease, and common industrial chemicals.

- **High Performance Upgrade**

This is no temporary fix, PowerTwist Plus V-Belts are an upgrade from conventional V-belts. They will last up to 15 times longer than classical rubber V-belts in the harshest environments.

- **No changes in set-up!**

PowerTwist Plus runs in all standard V-groove pulleys and has the same horsepower ratings as classical rubber V-belts.



Application Datafile

Industry: Automotive Glass

Problem: A car windscreen conveying line was using an extruded belt which was regularly leaving stains on the glass at the point of contact, resulting in high rejection rates.

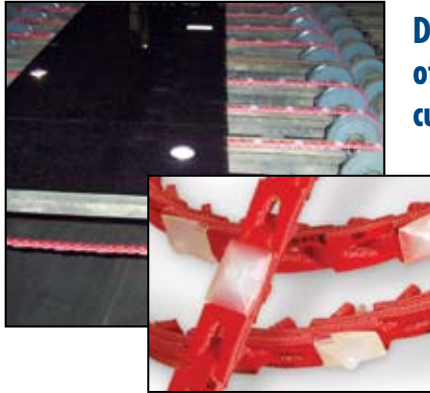
Solution: PowerTwist Plus was installed. The product marking problem disappeared and rejection rates fell significantly. It was fitted without any changes to the existing line or any reduction in performance. Belt lifespan was increased due to reduced stretch and a greater resistance to the demanding operating conditions. Installation time was also reduced significantly, thereby reducing line downtime.



At Fenner Drives, we are proud of our long history of developing innovative new products for the glass industry. Our New Product Development Engineering Team is continually developing top surfaces and other solutions to meet your glass conveying needs. Contact us to find out more!

Solutions for all of your Conveying Needs

PowerTwist[®] RCS (Reduced Contact Surface)



Developed specifically for the glass industry; combine the benefits of PowerTwist Plus[®] with the reduced contact surface area of our custom non-marking tabs.

- 99% reduction in contact area from standard V-belts
- Special tab material will not mark or scuff glass
- Quick installation — installs in minutes without tools and without dismantling drive components
- Belts are easily made to the required length by hand in seconds — Any Belt, Any Time!



PowerTwist Plus[®] Antistatic

Adhering glass panels or silk screening? Product quality in these applications can be negatively affected due to static electricity attracting dust and other particles in the air. PowerTwist Plus Antistatic doesn't generate static electricity, keeping dust at bay and ink printing crisp.



Patent Number 7,621,114

PowerTwist[®] Double-V

Ideal for use with serpentine drives or material transfer applications where a reduced contact surface is required. Identical V profile on both sides provides the opportunity to run this V-belt "tab side up" to minimize contact surface.



PowerTwist[®] Bridge Top[™]

Includes a special Teflon top, which provides a non-marking conveyor belt that can handle items with surface temperatures up to 464°F (240°C).



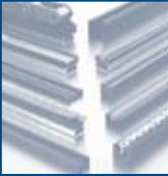
Patent Numbers 5,564,558 and 6,062,379

PowerTwist[®] Ground Round[®]

PowerTwist Ground Round is the effortless upgrade from round rubber or urethane belts. With a round profile, this PowerTwist belt will drop right into your existing equipment. Its extreme flexibility makes it ideally suited for use with small pulley/idler diameters.



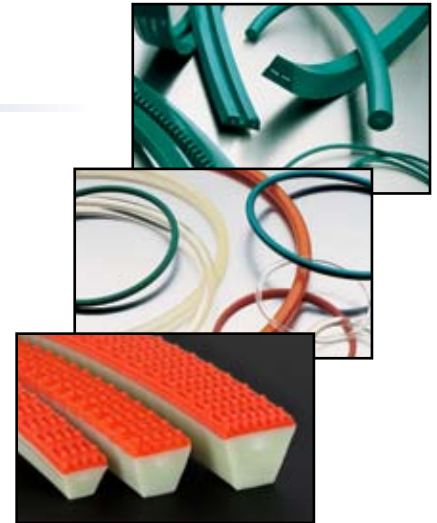
Patent Number D.347.919

PowerTwist Plus[®] V-BELTS**NU-TLINK[®] V-BELTS****SUPER-TLINK[®] SP WEDGE BELTS****T-MAX[®] BELT & CHAIN TENSIONERS****PowerMax[®] PALLET & GUIDES****B-LOC[™]****Trantorque[®]****Trackstar[®] UHMW BELT & CHAIN GUIDES**

EAGLE® Polyurethane Belting

From light, medium or heavy duty conveying to custom profiles, Fenner Drives has the right product for your glass application.

- The most comprehensive line of high quality non-reinforced and reinforced products in the industry
- Eagle Hyfen® 85R and 95R offers a high strength, low stretch solution
- Eagle O-Rings are the perfect choice for live roller conveyor systems
- Eagle SuperGrip Top is an excellent alternative for extra grip on inclines
- Right here, right now, ready to go to you!



B-LOC® & Trantorque® Keyless Bushings



The key to a good connection is really no key at all!

- Provides a keyless frictional connection
- Infinite radial and axial positioning of components
- Quick, easy installation and removal – greatly reduce downtime
- Mechanical interference fit transmits shock loads and torque reversals – ideal for zero backlash connections
- Transmits reversing bending moments

T-MAX® Belt & Chain Tensioners

Take up the slack... automatically!

- Maintain correct drive belt and chain tension automatically, achieving optimum drive performance
- Extend the life of critical drive components
- Reduce system downtime due to periodic retensioning
- Cut down operating and component replacement costs due to premature belt and chain failure



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