



LINK BELTING FOR POWER TRANSMISSION

Designed to Outperform

Our High Performance Composite (HPC) Belting is uniquely designed and incorporates custom composite materials which provide a number of time- and cost-saving benefits to maintenance engineers and equipment designers:

- | | |
|------------------------------------|-----------------------------------|
| Longer belt life | Minimized maintenance time |
| Easier, faster installation | Reduced V-belt stock |
| Reduced drive vibration | Simplified drive design |
| No Welding | |

Your Alternative Choice . . .

Made from custom polyurethane elastomers reinforced with multiple plies of polyester fabric, Fenner Drives' High Performance Composite (HPC) Belting offers problem solving alternatives to conventional endless wrapped rubber belts of classical, round and metric SP wedge cross sections.

Our power transmission link belting product range is comprised of PowerTwist Plus and NuTLink V-Belts for classical section drives and SuperTLink V-Belts for applications using metric wedge SP rated belts. Our PowerTwist Ground Round belting is an ideal upgrade for systems using traditional round leather, rubber or polyurethane belts.

While simple in concept, Fenner Drives' composite belting deliver outstanding performance, solving many of the field problems traditionally associated with conventional rubber belts.

Drop-In Permanent Upgrade

There's no need to change associated drive components! PowerTwist Plus, NuTLink or SuperTLink Belts offer standard industry power ratings and will run in standard pulley grooves. Rest assured, when fitting each type, it's only the belt that changes.

The Right Belt... Now, Guaranteed!

Having the right belt on hand saves you TIME & MONEY. With Fenner Drives' HPC V-Belts, you will always have the right belt on hand. It comes in the same standard cross sections as rubber belts, and you can make a belt any length you need by hand in seconds.

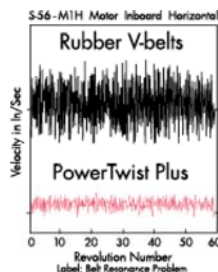
PowerTwist Plus, NuTLink and SuperTLink Belts are permanent replacements. There is no need to run back to the job and replace it with a rubber belt. Simply fit it and move on to your next job.

Longer Belt Life in Harsh Operating Conditions

HPC Belting is manufactured from high performance polyurethane/polyester composite materials which ensure excellent durability even in the most demanding conditions. HPC Belts from Fenner Drives will outperform conventional rubber belts in handling hostile environments, including exposure to oil, grease, water and most common industrial and agricultural chemicals and solvents. They are also more resistant to abrasion and will operate, with no loss in performance, at a more extreme temperature range — from -40°C to 116°C (-40°F to 240°F).

Reduced Belt Stock...Any Belt, Any Time

With PowerTwist Plus, NuTLink and SuperTLink, there's no need to maintain inventory of numerous different endless rubber belts to cover all your drives. Carry a pack each of A/13 and B/17 in stock and you're almost 100% covered with a significant reduction in working capital tied up in spares.



Solving Big Problems on Big Drives

With industry standard power ratings in belt sections up to C/22, NuTLink and SuperTLink are heavy duty workhorses. These belts are perfectly suited for those big shock loaded applications with multi-belt drives.



CLIMATE CONTROL

Cool in the summer, warm in the winter. It's that simple!

It's your job to keep occupants comfortable year round. At Fenner Drives, we're committed to providing innovative products that will help make your job easier.

We are proven market leaders focused on application knowledge, product design, materials technology, and dedication to superior customer service.

Fenner Drives gives you The Power of One as your single source for your climate control application needs. And if our design advantages weren't enough, there's the product availability advantage: an extensive line of stock products, on the shelf, ready to ship TODAY. Have a special or unusual application? We have experienced in-house engineering support team, ready to advise you or, if needed, design a custom solution.

Count on Fenner Drives, we'll help make your climate control systems operate to their full potential. **PowerTwist Plus V-Belts**



Climate control system downtime is just not an option!

Every V-belt, every time! Make ANY length by hand in seconds on site. PowerTwist Plus is every V-belt you will ever need! Don't waste time and fuel making trips between the jobsite and distributor searching for the right belt.

Spend less time on the roof! Fast, easy installation with no tools required! No need to move motors around, simply connect the links and roll it on like a bicycle chain.

Superior performance! There is no temporary fix Made from a composite polyester/polyurethane material, PowerTwist Plus V-Belts deliver industry standard horsepower ratings plus their unique construction reduced vibrations, extending bearing life and reducing noise levels. It also compensates for misalignment far more than rubber V-belts.

- Harsh environments? Bring 'em on! No loss in performance at extreme temperatures—from -40°C to 116°C (-40°F-240°F) as well as excellent resistance to water, steam, oil and grease, means this belt will outlast rubber V-belts.
- Reduced inventory! No need to stock all those different size rubber V-belts. Carry a box each of PowerTwist Plus A/4L and B/5L sections and you're nearly 100% covered for any issue that may arise! On-the-shelf availability in 3L, A/4L, and B/5L sections in 2m, 10m, and 30m lengths.



DATA CENTERS

Looks can be deceiving...While outwardly simple, belt drives on CRAC units are not as simple as they appear. Some problems include:

- Tendency to slip and to produce contaminating black rubber dust
- Short center distances with high belt flex rate leads to premature belt failure
- Drives are hard to access for maintenance
- Very time-consuming to re-tension rubber belts correctly
- Frequently operating above normal design temperatures for V-belts

PowerTwist Plus V-Belts Climate control system downtime is just not an option!



Increased air flow! Reduced belt slip increases air-flow and allows your CRAC units to run at optimum designed efficiency levels from the outset.

Lasts longer than rubber V-belts! Made from a composite polyester/polyurethane material that delivers industry standard horsepower ratings. Plus, their unique construction is extremely resistant to flex fatigue.

Elevated temperatures? No problem! No loss in performance at extreme temperatures -- from -40°C to 116°C (-40°F to 240°F).

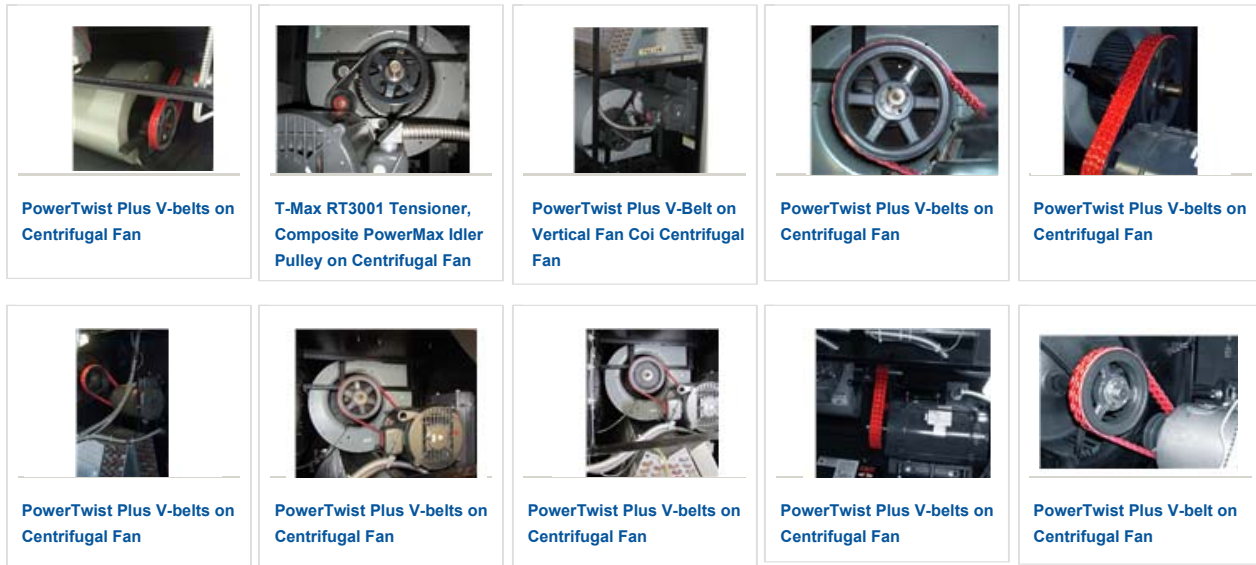
Fast, easy installation! Make ANY length by hand in seconds on-site then simply roll it on like a bicycle chain. No need to move motors around!

Easy to re-tension! Simply roll it off the drive, remove a link, and roll it back on.

Reduced dusting! No more black rubber V-belt dust, whose carbon black can short out electrical connections and is extremely difficult to remove...plus filters last longer!

Peak unit performance...

Install these upgrades from Fenner Drives today and you'll immediately start seeing performance and energy savings:



SAMPLE HVAC APPLICATION SOLUTION

Industry: Climate Control

Application: HVAC

Problem: A facility has over 200 air handling units using more than 130 different belt lengths. At any one time there were over 1,700 spare belts on site. This stock was costly and difficult to manage and correct replacement belts were always difficult to locate.

Solution: On upgrading to PowerTwist Plus V-Belts, the maintenance team now carries boxes of PowerTwist Plus 24/7. Drives are now serviced quickly without wasting time returning to the belt crib to pick up specific belt sizes. Stock was reduced to a few boxes of 3L, A/13, and B/17 sections. PowerTwist Plus V-Belts saved the day... again!



POWERTWIST V BELTS

There's a revolution underway in V belt technology. And unless you're using red PowerTwist Plus V Belts from Fenner Drives, you're in danger of getting left behind. When the going gets tough, PowerTwist Plus V Belts can outperform conventional rubber endless V belts hands-down. That's why more and more people are saying "Yes!" to PowerTwist Plus.



PowerTwist Plus is the everyday industrial workhorse for power transmission applications. Perfectly suited to Z/10, 3L, A/13, B/17, and C/22 drives and can be installed on existing pulleys with no changes in set-up. Fenner Drives PowerTwist Plus V Belts minimise downtime with no tools required, easy installation in minutes without tear-downs or struggling with rusted motor bases. Have an application where static electricity is a concern? PowerTwist Plus Antistatic is the answer... with all the benefits of standard PowerTwist Plus and the best antistatic properties of any V belt on the market.

Instead of trying to carry all the endless V belt sizes you might need, with PowerTwist Plus, you only need to stock the most common cross sections - A/13 and B/17 - and you'll have almost 100%, on-site availability guaranteed. With PowerTwist Plus you will reduce the inventory dollars you have tied up in replacement belts and still have instant availability so you have the right belt, at the right time!