

What is POWERWIST Drive?

POWERWIST Drive is an improved version of POWERWIST that does not require re-tensioning. There is no need to go back and take links out after initial installation. The belt color is red. POWERWIST Drive is the recommended link belt for all power transmission applications.



What is the difference between the original POWERWIST and POWERWIST Drive?

POWERWIST Drive is a “fit and forget” product that does not need to be re-tensioned. The original POWERWIST required re-tensioning as part of the installation procedure.

Is the installation method different?

Fundamentally POWERWIST Drive is installed in the same way as original POWERWIST. However, belt length measurement may differ slightly. Force deflection data charts are included in the installation instructions to ensure proper tension.

Does POWERWIST Drive have new item numbers?

No. POWERWIST Drive has replaced original POWERWIST in our product line and, therefore, item numbers remain the same.

Can POWERWIST Drive be used to replace existing POWERWIST?

Yes. POWERWIST Drive is intended to replace existing POWERWIST in all power transmission applications.

Can I mix original POWERWIST with POWERWIST Drive?

Yes. However, if the products are mixed you will need to follow the original installation instructions. In that case you will not get the “fit and forget” benefits of POWERWIST Drive. For multi belt drives it is not recommended to mix product since it is critical that all belts have the same length and tension

I’m a current user of POWERWIST for power transmission. What product do you recommend I use?

POWERWIST Drive is always recommended for power transmission applications.

What material is this belt made from?

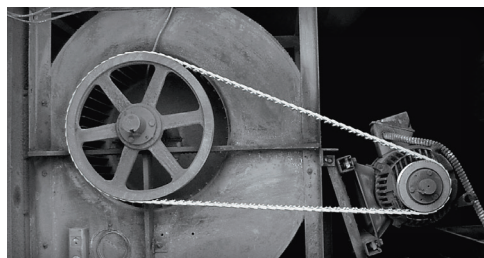
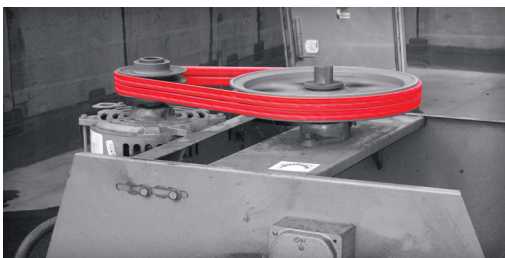
Individual links are made from custom polyurethane elastomers reinforced with multiple plies of polyester fabric.

Is POWERWIST heat- and cold-resistant? What are the maximum and minimum temperatures?

POWERWIST operates with no loss in performance at extreme temperatures ranging from -40°F to 240°F (-40°C to 116°C).

Is POWERWIST resistant to chemicals, water, and grease?

POWERWIST is unaffected by oil, grease, water, and many common industrial and agricultural chemicals.



Won't POWERWIST create more vibration and noise when running?

POWERWIST does not have the continuous tension cords found in conventional endless belts. As a result, transmitted vibration in the drive system is reduced by 50% or more. Consequently, system noise is reduced and, as a bonus, bearing life extended.

Does POWERWIST have the same cross section dimensions as RVBs? Does it ride higher in the pulley?

POWERWIST profiles are designed to fit industry standard pulleys. It does ride higher than a standard RVB.

Does POWERWIST fit into my existing pulleys? Will it wear out (damage) my pulleys?

POWERWIST drops right in to existing pulleys, with no change in set up. When installed and tensioned correctly, it will not wear out standard steel or cast iron pulleys any faster than a RVB.

How do the hp ratings compare to RVB?

POWERWIST power ratings are comparable to standard RVBs.

What are the maximum rpms POWERWIST can run at? What are the recommended rpms?

The recommended rpms are fully dependent on the pulley diameter. The linear speed capability of the belt is 5,000 ft/min (24.5m/s).

Why does POWERWIST Drive cost more than a rubber V belt?

POWERWIST Drive is a premium, value-added product that ultimately saves you money through no re-tensioning, fewer belt replacements, faster installation, minimized maintenance, and reduced inventory. Need proof? There are a number of success stories available on our website.



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