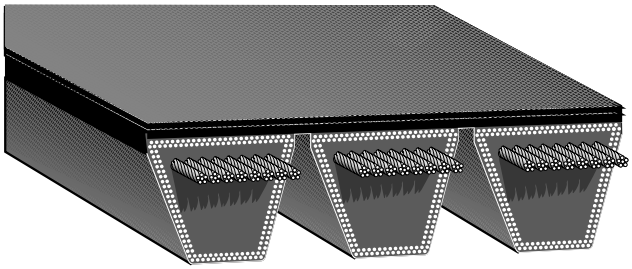
# HY-T® WEDGE TORQUE TEAM®



Part No: 3/8V1900

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|---|---|
| 3/ | 3 Rib Joined Construction |
| 8V | 1.00" Top Width – Narrow Profile Rib |
| 1900 | 190.0" Nominal Outside Length |
| | Single Envelope Ply on 5Vs |
| | 2 Envelope Plies on 8Vs |
| | Envelope Uncogged Construction Shown |

## APPLICATIONS

For shock load applications. Ideal for pulsating loads, high capacity drives and for short-center, heavy-duty drives.

## KEY FEATURES & BENEFITS

- Narrow profile ribs provide savings through efficiency.
- Joined construction for problem drives.
- Strong Vytacord™ tensile members.
- High-grade Wingprene™ compound.
- Tough fabric backing.
- Oil, heat, ozone, and abrasion resistant.
- Available in raw edge construction with cogs or envelope construction.
- Matchmaker® to eliminate mismatch.
- Static conductive.

BANDED

## TAME YOUR PROBLEM DRIVES

Pulsation, vibration, shock loads, and misalignment are problems for any team of V-belts, no matter how perfectly matched the individual units. These conditions often lead to chronic belt whip or to belt turnover, resulting in premature wear or sudden failure of one or more belts. Of course, when one belt goes, the whole team has to be replaced.

Hy-T® Wedge Torque Team belts are built with multiple belts joined by a tough, Wingprene-impregnated fabric backing that regulates belt travel so all ribs pull together as a single, perfectly matched team. Yet each rib is free to wedge into the sheave groove for maximum traction, maximum power, and transmission efficiency.

Operating in standard sheave grooves without sheave or drive modification, they can tame any problem drives now in operation. Or, they can fit right in with your new drive designs without special modifications.

## DESIGNED AND BUILT TO DELIVER SUPERIOR PERFORMANCE

V-belt performance begins with the tension members, so we built Hy-T Wedge Torque Team V-belts with super strong Vytacord. It provides the high-strength, high horsepower rating capacity needed to effectively transmit drive power. And it's tough enough to tolerate the misalignment that quickly destroys belts. The Vytacord material is treated with Goodyear's 3-T process which removes excessive stretch and imports exceptional dimensional stability. Drive performance is consistent, reliable, and predictable over the life of the belt.

We then add a tough oil and abrasion-resistant fabric backing to provide maximum longitudinal flexibility and lateral strength to withstand the dynamic forces acting within a joined belt. The backing also has special adhesion characteristics that enable it to bond inseparably to the V-sections to maintain the unitary integrity of the belt.

The cushion is made of a fiber-reinforced Wingprene compound, providing oil, heat, ozone and abrasion resistance.

## WEDGE OR ENVELOPE CONSTRUCTIONS PROVIDE OPTIMUM PERFORMANCE

Hy-T Wedge Torque Team belts are available in a raw edge construction with cogs for increased flexibility and heat dissipation or envelope construction for drives where pulsation, shock loads, high tension, and long center are involved.

Hy-T Wedge Torque Team Cogged belts have high horsepower belt construction and are identified with a 3VX or 5VX prefix and are available in lengths up to 118". The cogged construction provides the high flexibility required for short center distances. The cogs also provide a larger surface area to dissipate heat and prolong belt life. Improved material properties and advanced construction technology result in an average horsepower increase of 30% over standard joined "Classical" V-belts.

Hy-T Wedge Torque Team Envelope belts are identified with a 3V, 5V, or 8V prefix and are recommended for drives where pulsation, shock loads, high tension, and long centers are involved. They feature a continuous V-section that is protected by a wide angle, synthetic fabric-impregnated, high-quality Goodyear Wingprene rubber. The unique envelope achieves the high strength that the Hy-T Wedge Torque Team belts need to withstand high loading forces. It also helps provide the torsional rigidity in long center drives delivering the traction needed for accurate tracking and precision performance.