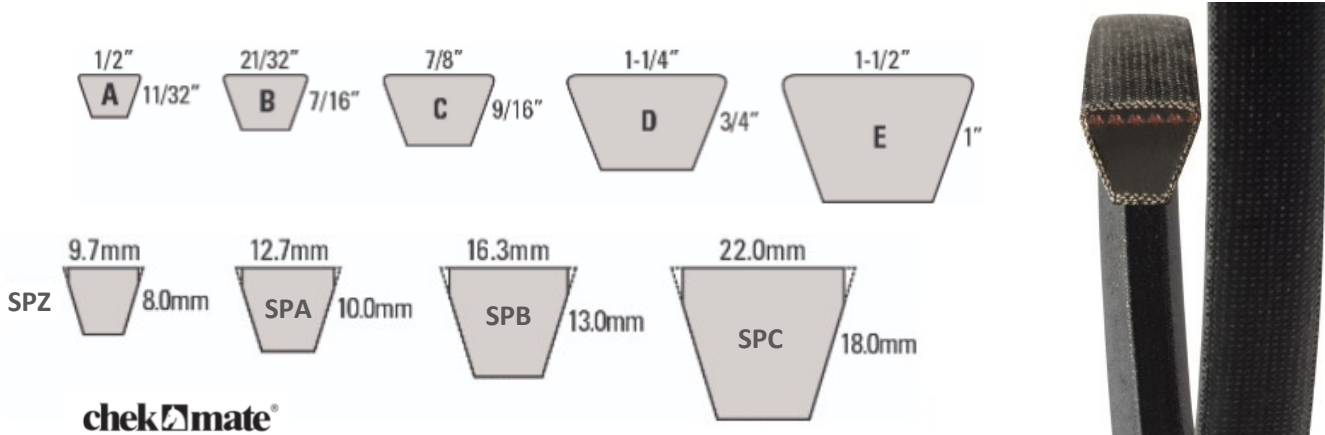


# Blue Label® V-Belt

## SPZ, SPA, SPB, SPC, A, B, C, D, E

Blue Label® v-belts are the ideal choice for dependable and economical performance. Quality Blue Label belts are engineered to run smoothly and resist flex fatigue, oil, heat and environmental conditions. Longer belt life results in less frequent replacement, less downtime, and lower maintenance costs.



## Applications

Industrial machinery, fans, blowers, pumps, mixers, and more

## Features/Advantages

Dependable performance on classical and narrow wedge belt drives

Resistant to oil, heat and flex fatigue

Long belt life

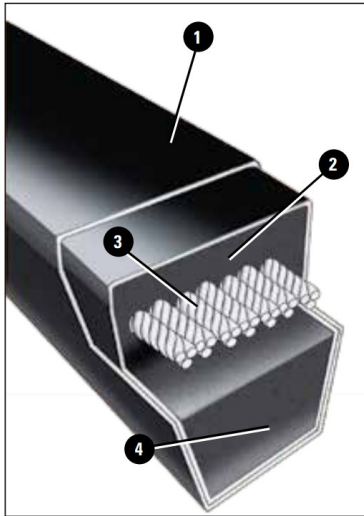
Smooth running

Static dissipating

Built to Chek Mate belt tolerances for a matched set



# BLUE LABEL®



## Wrapped Molded V-Belt

- 1. Cover**  
Heavy duty fabric impregnated with rubber protects the core.
- 2. Tension Section**  
Synthetic rubber specially compounded to stretch as belt bends around sheaves.
- 3. Cords**  
High-strength synthetic fiber cords carry the horsepower load.
- 4. Compression Section**  
Synthetic rubber compounds developed to support cords evenly and compress while bending around sheaves.



**V-belt drives provide many maintenance advantages that help in your daily struggle to reduce equipment repairs and hold downtime to a minimum.**

- 1. V-belts** are rugged – they provide trouble-free performance when given minimal attention...even under adverse conditions.
- 2. V-belts** are clean – require no lubrication.
- 3. V-belts** are efficient – performing with an average of 93% efficiency. Raw edge cog-belts average 95% efficiency according to the U.S. Department of Energy.
- 4. V-belts** are smooth starting and running.
- 5. V-belts** cover extremely wide horsepower ranges.
- 6. V-belts** permit a wide range of driven speeds, using standard electric motors.
- 7. V-belts** dampen vibration between driving and driven machines.
- 8. V-belts** are quiet.
- 9. V-belts** act as a “safety fuse” in the powertrain.
- 10. V-belts** and sheaves wear gradually – making preventive and corrective maintenance simple and easy.

**⚠ WARNING**

*Failure to observe the following warnings could create a risk of death or serious injury.*

Static electricity created by a belt in operation can ignite an explosive atmosphere. Special care must be taken in the utilization of belts in or near locations which may contain explosive concentrations of combustible gases or accumulations of dust such as grain, coal, or other combustible materials.

Proper dissipation of such potential static electricity discharge must be assured to prevent any such explosion.

**⚠ CAUTION**

*Failure to observe the following cautions could create a risk of serious physical injury or property damage.*

Proper selection and installation of drive belts are critical tasks. Belts must be properly selected and installed to assure proper performance. Follow all of the equipment manufacturer's safety recommendations, installation procedures and specifications.

**AIRCRAFT POLICY – SAFETY WARNING**

Blue Label® belts are not designed or intended for aircraft use. Do not use Blue Label belts or pulleys on aircraft or helicopter engines or propeller, rotor or accessory drives. Do not use Blue Label belts or pulleys on commercial, private, or ultralight aircraft or helicopters.

# Super II® V-Belt

*The Problem Solver!* Super II v-belts are the solution to the constant and costly problem of replacing ordinary v-belts on troublesome drives. Specially formulated fiber-loaded EPDM rubber compounds, engineered fabrics and high-modulus polyester cord offer greater strength, longer life, better heat dissipation and higher efficiencies than best-in-class wrapped v-belts. The unique CNA (central neutral ax cord placement) positions the strength of the belt lower on the pulleys to maintain stability and prevent roll-over. The raw edge construction results in more efficient power transmission and reduced energy loss.



## Features/Advantages

Higher performance alternative to classical wrapped v-belts

More energy efficient than wrapped v-belts

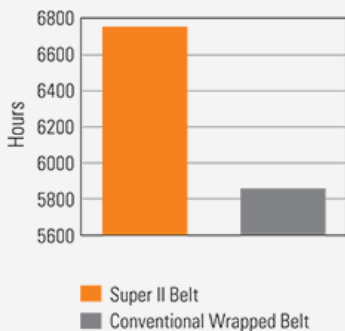
Unique design for longer life

Less maintenance and downtime

EPDM rubber compound is static conductive, resistant to hardening and glazing, and operates in a broad temperature range (-50°F to +250°F)

Built to Chek Mate belt tolerances for a matched set

Accelerated Life Test (Laboratory)

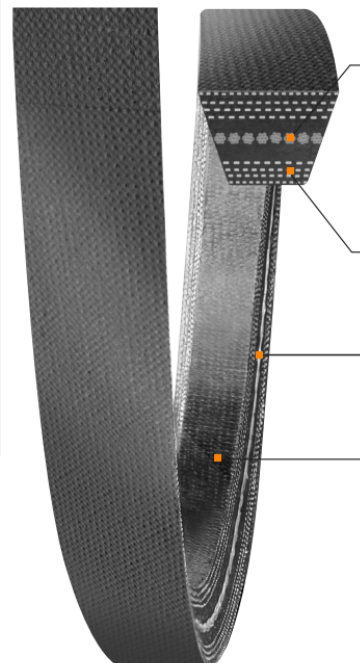
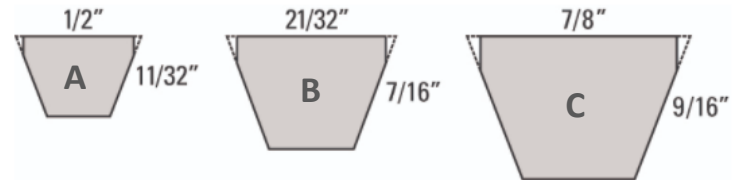


## Applications

Shaker screens, debarkers, industrial washers and dryers, and more

## Sizes

A-R, B-R and C-R cross-sections from 17" to 144"



- 1** High-modulus polyester cord located in the belt mid-section is specially treated to maintain extreme loads without stretching. The central position contributes to greater flexibility, balance and longer life.
- 2** Multiple fabric plies, top and bottom, relieve stress on the load-carrying cord for added flexibility.
- 3** Unique raw-edge belt sidewalls grip pulleys better, minimizing belt slip, noise and drive vibration.
- 4** Special EPDM rubber compound with stiff-flex technology supports cord more evenly, dissipates heat, and provides greater resistance to heat and ozone.



# GOLD-RIBBON® COG-BELT®

## The energy saver just got better!

The unique construction of the Timken® Gold-Ribbon® Cog-Belt® combines the superior flexing of precision molded cogs with the tenacious gripping power of raw edge sidewalls to provide high energy efficiency, power ratings and long belt life. On top of all this, the Gold-Ribbon Cog-Belt is now made of Ethylene Propylene Diene Monomer (EPDM), a synthetic rubber with outstanding properties.

### EPDM benefits:

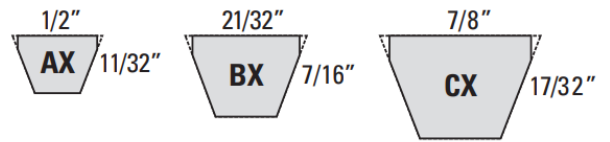
- Durable
- Oil and heat resistant
- Static conductive
- Resistant to hardening and glazing

### Gold-Ribbon Cog-Belt is specially designed for optimum performance:

- Broad operating temperature range (-50°F to +250°F)
- Smooth running
- Belt side walls reduce vibration for extended component life
- New cog profile reduces bending stress
- Excellent flexibility on small diameter pulleys

### A belt built to demanding standards:

- Made in the USA
- Energy efficient
- Built to Chek Mate® tolerances for a matched set



The Gold-Ribbon® Cog-Belt® is more efficient than premium wrapped v-belts. Extensive testing has proven that the Gold-Ribbon Cog-Belt is more than 95% efficient on the same drives that normally operate at 93% efficiency using wrapped v-belts.

The secret to the energy saving power of the Gold-Ribbon Cog-Belt is in its engineered design. Ordinary v-belts have a wrapped fabric cover. The Gold-Ribbon Cog-Belt features raw edge sidewalls and precision molded cogs. This combination permits the cog-belt to run cooler and maintain a better grip on the pulleys accounting for greater operating efficiency and longer life.

