



DRIVEN BY POSSIBILITY™

POLY CHAIN® GT™ CARBON™

SLASH ENERGY EXPENSES

V-belts are commonly used in HVAC systems, but slippage can cause a loss in efficiency, leading to lost energy and inflated costs.

Now, a better solution from Gates - the Poly Chain GT Carbon belt. Switching from a competitive v-belt to Gates Poly Chain GT Carbon results in a minimum of 5% increase in efficiency! In fact, the U.S. Department of Energy has calculated that American businesses could realize \$1.5 billion in energy savings annually, by simply converting existing v-belt drives to synchronous belt drives!

Poly Chain GT Carbon is a power-dense synchronous belt that is able to fit into tight spaces, making it ideal for compact drives. It doesn't require retensioning and lasts longer than competitive v-belts, for a significant decrease in maintenance and costly facility downtime. The durable polyurethane construction of Poly Chain GT Carbon resists chemicals, pollutants, and high ambient temperatures for a longer lifespan.

Return lost dollars to your bottom line with Gates Poly Chain GT Carbon belts.

FEATURES + BENEFITS

- **Sturdy carbon tensile cord provides high power density in a compact package, while reducing stretch**
- **Operates at 99% efficiency, providing reliability over the life of the drive**
- **No retensioning needs eliminates most maintenance costs and safety risks**
- **Available as a system with Poly Chain sprockets, available in corrosion-resistant finishes**

POLY CHAIN® GT™ CARBON™ BELTS:

RELIABLE, DURABLE, LOW MAINTENANCE



HVAC systems run nearly constantly, leading to an increased risk of belt failure - and a potentially costly ripple effect on sensitive, temperature controlled facilities.

Protect your operation with low maintenance, premium products designed to last.

PRODUCT SPECIFICATIONS

- Standard widths of 9, 15, 25 mm (5MGT); 12, 21, 36, 62 mm (8MGT); 20, 37, 68, 90, 125 mm (14MGT)
- Operating temperature range: -65° F to +185° F (-54° C to +85° C)

DESIGN POWER™ SOFTWARE

Looking to design a drive? Try Gates Design Power™ software, a free platform offering digital tools to support the engineering and specification of belt drives, for an easier, more precise process than ever before.

