



DRIVEN BY POSSIBILITY™

POLY CHAIN® CARBON™ VOLT™

ANTISTATIC POLYURETHANE SYNCHRONOUS BELT WITH OPTIMIZED CURVILINEAR GT TOOTH

Antistatic power transmission belts are a must in volatile environments. To ensure the highest safety standards, their capacity to safely dissipate static electricity should meet the required levels over the lifetime of the belt - and not only when new. The Poly Chain Carbon Volt belt is the only belt in the market that meets the ISO 9563 standard over the complete lifespan of the belt. Its patented, static-conductive jacket construction transfers static electricity safely to carbon tensile cords, away from the driven side of the application - making it your safest and strongest option for reliable dissipation of electrostatic charges.

CONSTRUCTION + SPECIFICATIONS

- **Static-conductive (ISO 9563)** and for conditions described in the Directive 2014/34/EU-ATEX.
- Durable **polyurethane construction** resists chemicals, oil, pollutants, and abrasion.
- Robust **carbon tensile cord** combines minimal stretch with extraordinary strength and load carrying capacity.
- Gates **curvilinear tooth profile** provides high shear strength and improved load carrying capacity.
- **Nylon tooth facing** reduces friction and eliminates the need for lubrication.

FEATURES + BENEFITS

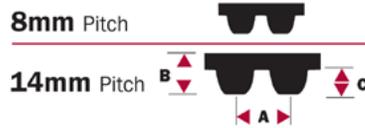
- Maintains static conductivity over the lifetime of the belt.
- Maintenance-free, clean solution for roller chain drive conversion.
- No lubrication required.
- No retensioning required.
- Equivalent capacity to roller chain drives in the same width.
- Operating temperature range: -54°C/-65°F to +85°C/+185°F.



Belt Identification Chart

Examples: 8GTV-1600-21 Belt 8MX-22S-21 Sprocket

	Standard Widths (mm)	A	B	C
8mm	12, 21,	8mm	5.9mm	3.4mm
	36, 62	.315 in.	.233 in.	.135 in.
14mm	20, 37,	14mm	10.2mm	6mm
	68, 90, 125	.552 in.	.401 in.	.236 in.



Note: Gates recommends that Poly Chain Carbon Volt belts run only in Poly Chain GT sprockets when used for new applications. Gates recommends that Poly Chain Carbon Volt belts be used for replacement belts in Poly Chain GT sprockets.

BELT IDENTIFICATION

14GTV-2100-37
14GT - 14mm Pitch
V - Carbon Volt Construction
2100 - Pitch Length (mm)
37 - Belt Width (mm)

Available Stock Sizes
8M 640-4480 (mm)
14M 994-4410 (mm)

