



DRIVEN BY POSSIBILITY™

# POLY CHAIN® CARBON VOLT™

## MAXIMUM POWER AND SAFETY - FROM START TO FINISH

Antistatic power transmission belts are a must in ATEX environments. To ensure the highest safety standards, their capacity to safely dissipate static electricity is designed to **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 applications in ATEX environments.

**THE POWER YOU NEED, THE SAFETY YOU DESERVE**

### FEATURES + BENEFITS

- Maintains static conductivity over belt lifetime
- Excellent alternative to roller chain
- 99% efficiency for life of the drive
- 5% energy savings over V-belts
- No lubrication and no retensioning eliminates maintenance costs throughout the life of the belt
- Resistant to moisture, chemicals, pollutants and abrasion

## PRODUCT SPECIFICATIONS

<b>CONSTRUCTION</b>	Anti-static polyurethane synchronous belt with optimised curvilinear GT tooth, offering substantially increased power ratings (up to 400% greater capacity than HTD belts). Perfect fit on Poly Chain GT profile pulleys.
<b>LENGTH AND WIDTH RANGE</b>	Standard widths of 12, 21, 36, 62mm (8MGT) and 20, 37, 68, 90, 125mm (14MGT). Other widths available on request.
<b>TEMPERATURE RANGE</b>	-54 °C to +85 °C.
<b>STANDARD</b>	Static conductive (ISO 9563) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

## APPLICATION EXAMPLES

- Oil & Gas
- Chemical refinery
- Grain processing
- Automotive paint line
- Labeling line
- Energy transformation
- Sugar industry
- Animal feeding
- Furniture factory
- Plastics processing



## SECTIONS + DIMENSIONS

SECTION	PITCH (mm)	TOOTH HEIGHT (mm)	BELT HEIGHT (mm)	LENGTH RANGE (datum length - mm)
8MGT	8.0	3.4	5.9	640 - 4480
14MGT	14.0	6.0	10.2	994 - 4410

**MEET ISO 9563 STANDARDS FROM START TO FINISH**