



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 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 applications in ATEX environments.

**THE POWER YOU WANT, THE SAFETY YOU NEVER HAD**

### FEATURES + BENEFITS

- Maintains static conductivity over belt lifetime
- Excellent alternative to roller chain
- 99% efficiency for life of the drive
- Reduced maintenance and downtime
- Supports a maintenance-free, energy saving, environmentally friendly operation
- Resistant to moisture, chemicals, pollutants and abrasion



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**PRODUCT SPECIFICATIONS**

**CONSTRUCTION**

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.

**LENGTH AND WIDTH RANGE**

Standard widths of 12, 21, 36, 62mm (8MGT) and 20, 37, 68, 90, 125mm (14MGT). Other widths available on request.

**TEMPERATURE RANGE**

-54 °C to +85 °C.

**STANDARD**

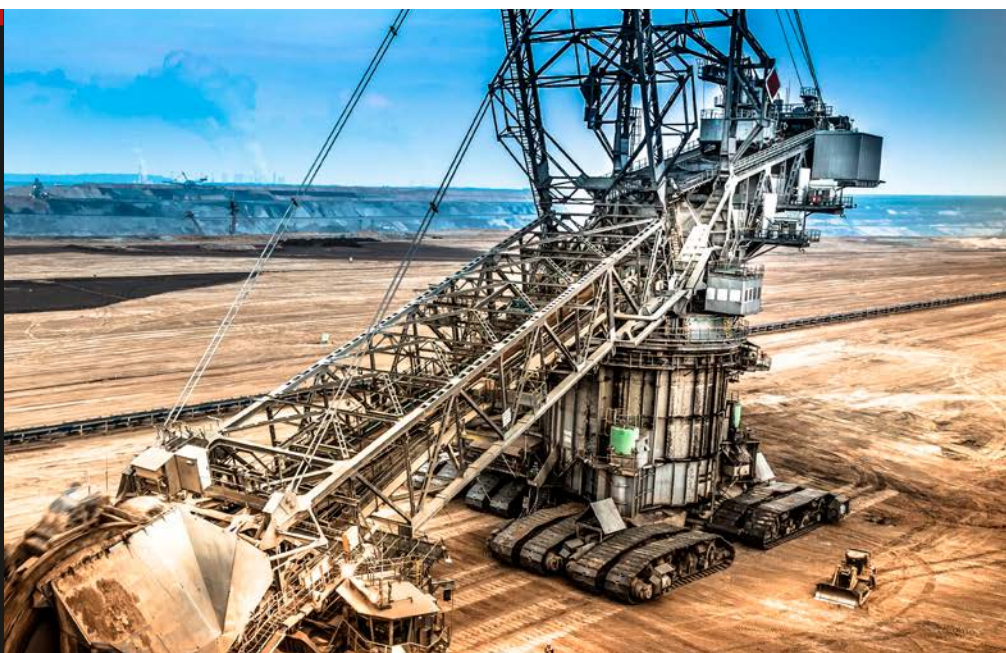
Static conductive (ISO 9563) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.

**SPECIAL FINISHING**

On demand available in PowerPaint™ construction, suited for usage in paint installations.

**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**