



DRIVEN BY POSSIBILITY™



# POWERGRIP™ GT4™ 8MGT & 14MGT

## THE LATEST IN SYNCHRONOUS BELT TECHNOLOGY

Engineered with the latest in advanced technology and materials science expertise, Gates® PowerGrip™ GT4™ delivers the highest power-carrying capacity of any belt in its class. Utilising all new advanced materials, Gates designed an ethylene elastomer belt with **increased power capacity and wider temperature range capability.**

The NEW PowerGrip™ GT4™ belt delivers improved performance over a wide range of industrial applications. The 8MGT and 14MGT pitches are the optimum choice for **high performance drives** in the machine tool, paper and textile industries where **durability and low maintenance** are required.

From resource processing to heavy manufacturing, automated production to custom assembly - Gates solutions improve uptime, efficiency, productivity, reliability and safety for industries around the world.

**THE HIGHEST POWER-CARRYING CAPACITY OF ANY BELT IN ITS CLASS: UP TO 25% MORE THAN PREVIOUS CONSTRUCTIONS (GT3™)**

### FEATURES + BENEFITS

- Higher Power Capacity for Optimum Performance
- Reduce drive width with narrow belt
- Wider temperature range capability
- Service-free: no stretch, no re-tensioning, no lubrication
- High tooth jump resistance
- Halogen-free: environmentally friendly
- Improved safety & ergonomics



**DRIVEN BY POSSIBILITY™**



**PRODUCT SPECIFICATIONS**

CONSTRUCTION	Premium rubber synchronous belt with optimised GT tooth profile, offering substantially increased power ratings (up to 25% more than previous construction GT3). Perfect fit on HTD® profile pulleys.
LENGTH AND WIDTH RANGE	Available in lengths from 384 till 6.860 mm pitch. Standard widths of 20, 30, 50, 85mm (8MGT); 40, 55, 85, 115, 170mm (14MGT). Other widths available on request.
TEMPERATURE RANGE	Fully operational in a wide range of temperatures: -40 °C to +140 °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.

\* For intermittent use.

**INDUSTRIES**

- Construction + Mining
- Forestry + Agriculture
- Textile + Laundry
- Stationary Machinery + Tools
- Pulp + Paper
- Packaging + Automation

**APPLICATION EXAMPLES**

- Heavy Duty Equipment
- Fans + Pumps
- Conveyor Systems
- Industrial Machines
- Compressors
- Centrifuges



**SECTIONS + DIMENSIONS**

Section	Pitch (mm)	Tooth Height (mm)	Belt height (mm)	Length range (mm)
8MGT	8.0	3.2	5.6	384 - 4400
14MGT	14.0	5.7	9.9	966 - 6860

**VIRTUALLY UP TO 4 X LONGER LIFETIME OVER GT3**