



DRIVEN BY POSSIBILITY™

THE LATEST IN INDUSTRIAL RUBBER SYNCHRONOUS TECHNOLOGY:

# POWERGRIP™ GT4™

8MGT AND 14MGT

## INTRODUCING A NEWLY DESIGNED ETHYLENE ELASTOMER HIGH-TORQUE SYNCHRONOUS BELT.

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. Utilizing all new advanced materials, Gates designed a belt with increased chemical resistance and larger temperature range capability.

The NEW 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.

## FEATURES + BENEFITS

The most advanced combination of materials and technology enable:

- Higher power-carrying capacity giving you the option to use a narrow belt
- No lubrication and no retensioning eliminates maintenance costs throughout the life of the belt
- Larger temperature range capability
- Improved Ergonomics — less weight reduces fatigue and strain during installation
- Made without chlorinated compounds to reduce acute and chronic toxicity risks

POWERGRIP GT4 BELTS:

# THE LATEST IN SYNCHRONOUS BELT TECHNOLOGY

Discover the superior performance, uptime, reliability and total cost of ownership with Gates PowerGrip GT4 belts for factories, plants and other industrial equipment. Combining advanced materials science and process engineering, Gates introduces a new belt-driven solution for narrower drives utilizing all new materials offering larger temperature range capability, improved chemical resistance and higher power capacity.

## INDUSTRIES + END MARKETS

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

## APPLICATIONS

Heavy Duty Equipment
Fans + Pumps
Conveyor Systems
Industrial Machines
Compressors
Centrifuges
Horizontal + Vertical Positioning

## SECTIONS + DIMENSIONS

Section	Pitch (mm)	Tooth Height (mm)	Belt Height (mm)	Length Range (mm)
8 MGT	8.0	3.4	5.6	384 - 4400
14 MGT	14.0	6.0	10.0	966 - 6860

## SAFER, STRONGER BELT-DRIVE SOLUTIONS

### WHY POWERGRIP GT4?

- Larger Temperature Range
- Higher Power Capacity for Optimum Performance
- Improved Chemical Resistance
- Increased Uptime
- Improved Safety
- Improved Ergonomics
- Rust Free + Safe for Use in Food Handling Spaces
- Reduced Environmental Risk
- No Lubrication + No Stretching
- High Tooth Jump Resistance

### PRODUCT SPECIFICATIONS

- Standard widths of 20,30, 50, 85 mm (8MGT); 40, 55, 85, 115, 170 mm (14MGT)
- Fully operational in a wide range of temperatures: -40°F to +284°F (-40°C to + 140°C)  
\*For intermittent use
- Static conductive (ISO9563) and for conditions described in the Directive 2014/34/ EU-ATEX

