



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
- Improves Ergonomics — less weight reduces fatigue and strain during installation
- Environmentally Friendly — made without harmful chlorinated compounds



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# SAFER, STRONGER BELT-DRIVE SOLUTIONS

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.

### 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

INDUSTRIES + END MARKETS	APPLICATIONS
Construction + Mining	Heavy Duty Equipment
Forestry + Agriculture	Fans + Pumps
Textile + Laundry	Conveyor Systems
Stationary Machinery + Tools	Industrial Machines
Pulp + Paper	Compressors
Food Processing	Centrifuges
Packaging + Automation	Horizontal + Vertical Positioning

### 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

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

