

# POWERGRIP™ GT4™

## PREMIUM RUBBER SYNCHRONOUS BELT WITH OPTIMIZED GT TOOTH PROFILE

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. In addition, Gates designed a belt with increased chemical resistance and larger temperature range capability. Gates 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 PowerGrip GT4 solutions improve uptime, efficiency, productivity, reliability and safety for industries around the world.

### CONSTRUCTION + SPECIFICATIONS

- Next-generation **Ethylene Elastomer** body provides class leading power capacity and temperature range.
- **Fiberglass tensile cord** provides high strength, excellent flex life and high resistance to elongation.
- **Nylon tooth facing** provides a durable wear surface for long service life.
- **Static-conductive (ISO9563)** and for conditions described in the Directive 2014/34/EU-ATEX.

### FEATURES + BENEFITS

- Higher power-carrying capacity giving you the option to use a narrower belt.
- Static-conductive.
- No lubrication and less re-tensioning eliminates maintenance costs throughout the life of the belt.
- Operating temperature range:  
-40°C/-40°F to +120°C/+248°F;  
Can be used up to +140°C/+284°F intermittently.



### Belt Identification Chart

Examples: 640-8MGT-20 Belt P22-8MGT-20 Sprocket

	Standard Widths (mm)		
	A	B	C
8mm	12, 20, 30, 50, 85	8mm .315 in.	5.56mm .220 in. 3.28mm .129 in.
14mm	40, 55, 85, 115, 170	14mm .552 in.	9.91mm .390 in. 5.84mm .230 in.

8mm Pitch



14mm Pitch



**Note:** PowerGrip GT belts must be used with PowerGrip GT sprockets for new designs.  
8mm and 14mm pitch PowerGrip GT belts can be used to replace non-Gates conventional belts in most instances.

### BELT IDENTIFICATION

**2400-8MGT-20**  
**2400** - Pitch Length (mm)  
**8MGT** - 8mm Pitch  
**20** - Belt Width (mm)

**Available Stock Sizes**  
**8M** 384-4400 (mm)  
**14M** 966-6860 (mm)