



22 POWERGRIP GTX

PREMIUM RUBBER SYNCHRONOUS BELT WITH VERSATILE TOOTH PROFILE

PowerGrip GTX is the newest premium rubber synchronous belt in the Gates belt range. Available in 8M and 14M pitches, this belt is the optimum choice for high-performance, high-torque conditions and quiet operation. Whether it is for a new drive design or for a replacement, PowerGrip GTX is the reliable choice.

CONSTRUCTION

- **High-strength**, low-elongation **fibre glass tensile** cords for extreme shock load resistance.
- Elastomeric backing protects the cords from environmental pollution and frictional wear.
- Low friction **nylon facing** protects the tooth surface against wear.
- Precision-formed and accurately spaced elastomeric teeth.
- **Static conductive** (ISO 9563) and can as such be used in the conditions described in the Directive 2014/34/EU- ATEX.
- Standard available in widths of 20, 30, 40, 50, 65, 85mm (8M) and 20, 40, 55, 85, 115, 170mm (14M). Other widths available on request.
- On demand available in PowerPaint construction, to eliminate paint contamination risk (see p. 40).

BENEFITS

- Easy replacement and upgrade of existing HTD / GT3 / GT4 type applications.
- Reduced overall drive package.
- Increased power capacity of 25% over PowerGrip GT4.
- Reliable operation and trouble-free service, extending the useful life of your system.
- Substantial reduction of your day-to-day operational costs by eliminating downtime and maximising productivity.
- Temperature range: -30 °C to +100 °C.
- Ideal alternative for other high-strength rubber synchronous belts.
- Improve reliability and productivity every time you install Gates PowerGrip GTX.
- Perfect fit on HTD profile sprockets.



ORDERING CODE

2400-8MX-20
2400 - Pitch length (mm)
8MX - Pitch 8mm
20 - Belt width (mm)
NOTE: For correct design and tensioning of the belt please use Gates Design Power software, available on www.gates.com

Identification
 Durable white marking indicating the belt type and belt dimensions.

PLEASE REFER TO P. 168 FOR SIZE LIST.

SECTIONS AND NOMINAL DIMENSIONS

Section	Pitch (mm)	Tooth height (mm)	Belt height (mm)	Length range (pitch length - mm)
8MX	8.0	3.4	5.6	264 - 4400
14MX	14.0	6.0	10.0	784 - 4578