



**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.
- Quiet-running and maintenance-free.
- Compact, light-weight, economic.
- 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 type applications.
- Reduced overall drive package.
- Increased power capacity of 40% over PowerGrip™ GT3.
- 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 pulleys.

**Please refer to p. 188 for size list.**

### 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 DesignFlex™ Pro™ Drive design software, available on [www.Gates.com](http://www.Gates.com).

### Identification

Durable white marking indicating the belt type and belt dimensions.

### 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                       |



**8MX**

| Description | Pitch length | nr of teeth | Stock | New size |
|-------------|--------------|-------------|-------|----------|
| mm          |              |             |       |          |
| 264-8MX     | 264          | 33          |       | •        |
| 320-8MX     | 320          | 40          |       | •        |
| 376-8MX     | 376          | 47          | •     | •        |
| 384-8MX     | 384          | 48          | •     | •        |
| 424-8MX     | 424          | 53          | •     | •        |
| 480-8MX     | 480          | 60          | •     | •        |
| 512-8MX     | 512          | 64          | •     | •        |
| 520-8MX     | 520          | 65          | •     | •        |
| 560-8MX     | 560          | 70          | •     | •        |
| 576-8MX     | 576          | 72          | •     | •        |
| 600-8MX     | 600          | 75          | •     | •        |
| 608-8MX     | 608          | 76          | •     | •        |
| 624-8MX     | 624          | 78          | •     | •        |
| 640-8MX     | 640          | 80          | •     | •        |
| 656-8MX     | 656          | 82          | •     | •        |
| 720-8MX     | 720          | 90          | •     | •        |
| 760-8MX     | 760          | 95          | •     | •        |
| 776-8MX     | 776          | 97          | •     | •        |
| 800-8MX     | 800          | 100         | •     | •        |
| 856-8MX     | 856          | 107         |       | •        |
| 840-8MX     | 840          | 105         | •     | •        |
| 880-8MX     | 880          | 110         | •     | •        |
| 912-8MX     | 912          | 114         | •     | •        |
| 920-8MX     | 920          | 115         | •     | •        |
| 960-8MX     | 960          | 120         | •     | •        |
| 968-8MX     | 968          | 121         | •     | •        |
| 976-8MX     | 976          | 122         | •     | •        |
| 1000-8MX    | 1000         | 125         | •     | •        |
| 1040-8MX    | 1040         | 130         | •     | •        |
| 1064-8MX    | 1064         | 133         | •     | •        |
| 1080-8MX    | 1080         | 135         | •     | •        |
| 1120-8MX    | 1120         | 140         | •     | •        |
| 1128-8MX    | 1128         | 141         | •     | •        |
| 1160-8MX    | 1160         | 145         | •     | •        |
| 1176-8MX    | 1176         | 147         |       | •        |
| 1200-8MX    | 1200         | 150         | •     | •        |
| 1216-8MX    | 1216         | 152         | •     | •        |
| 1224-8MX    | 1224         | 153         | •     | •        |
| 1256-8MX    | 1256         | 157         | •     | •        |
| 1264-8MX    | 1264         | 158         | •     | •        |
| 1280-8MX    | 1280         | 160         | •     | •        |
| 1304-8MX    | 1304         | 163         | •     | •        |
| 1360-8MX    | 1360         | 170         | •     | •        |
| 1424-8MX    | 1424         | 178         | •     | •        |
| 1432-8MX    | 1432         | 179         |       | •        |
| 1440-8MX    | 1440         | 180         | •     | •        |
| 1512-8MX    | 1512         | 189         | •     | •        |
| 1520-8MX    | 1520         | 190         | •     | •        |
| 1552-8MX    | 1552         | 194         | •     | •        |
| 1584-8MX    | 1584         | 198         | •     | •        |
| 1600-8MX    | 1600         | 200         | •     | •        |

| Standard widths* |
|------------------|
| mm               |
| 20               |
| 30               |
| 40               |
| 50               |
| 65               |
| 85               |

\* Other widths available on request.