



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.

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



8M

Description	Pitch length	nr of teeth	Stock	New size
mm				
264-8M	264	33		
320-8M	320	40	●	
376-8M	376	47	●	
384-8M	384	48	●	
424-8M	424	53	●	
480-8M	480	60	●	
512-8M	512	64	●	
520-8M	520	65	●	
560-8M	560	70	●	
576-8M	576	72	●	
600-8M	600	75	●	
608-8M	608	76	●	
624-8M	624	78	●	
640-8M	640	80	●	
656-8M	656	82	●	
720-8M	720	90	●	
760-8M	760	95	●	
776-8M	776	97	●	
800-8M	800	100	●	
856-8M	856	107	●	
880-8M	880	110	●	
912-8M	912	114	●	
920-8M	920	115	●	
960-8M	960	120	●	
968-8M	968	121	●	
976-8M	976	122	●	
1000-8M	1000	125	●	
1040-8M	1040	130	●	
1064-8M	1064	133	●	
1080-8M	1080	135	●	
1120-8M	1120	140	●	
1128-8M	1128	141	●	
1160-8M	1160	145	●	
1176-8M	1176	147	●	
1200-8M	1200	150	●	
1216-8M	1216	152	●	
1224-8M	1224	153	●	
1256-8M	1256	157	●	
1264-8M	1264	158	●	
1280-8M	1280	160	●	
1304-8M	1304	163	●	
1360-8M	1360	170	●	
1424-8M	1424	178	●	
1432-8M	1432	179	●	
1440-8M	1440	180	●	
1512-8M	1512	189	●	
1520-8M	1520	190	●	
1552-8M	1552	194	●	
1584-8M	1584	198	●	
1600-8M	1600	200	●	
1696-8M	1696	212	●	

Standard widths*
mm
20
30
50
85

* Other widths available on request.