

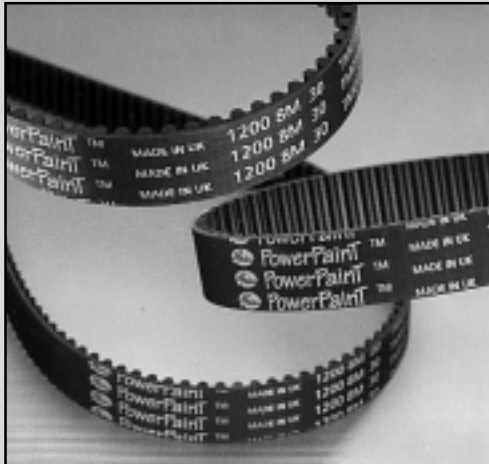
PowerPainT™

Extended range

Now available in:

**5M, 8M, 14M, 8MGT
and 14MGT pitches
as endless belt;**

**5M, 8M, 14M, 5MR
and 8MR pitches
as Long Length belt.**



Gates paint and varnish compatible synchronous belt

Gates PowerPainT™ synchronous belt is specifically developed for use in painting areas, as found in the automotive and white goods industries where contamination of the painted product, from whatever source, is unacceptable. PowerPainT™ ensures excellent performance on skid and roller conveyor systems where there may be a serious risk of product contamination.

Gates PowerPainT™ passes the most stringent tests established by the automotive industry, which requires all components specified for use in a paint and varnish environment to be free of any source of contamination. All PowerPainT™ belts are tested before shipment to Gates' test reference TM 013. This test is based on the standard test used by the automotive industry.

Gates PowerPainT™ belt ensures freedom of lubrication and maintenance, and paint and varnish compatibility.

Contamination risks are excluded.



PowerPainT™



A premium belt product for first class performance

Gates PowerPainT™ synchronous belts combine the very best in technology and construction design to give improved performance and extended product life. The precision-formed elastomeric teeth improve stress distribution and provide high power capacity. PowerPainT™ runs well on fixed centre distance drives without elongation and offers long service life.

PowerPainT™ is available as endless belt with 5M, 8M, 14M, 8MGT and 14MGT tooth profiles and as Long Length open-end belt with 5M, 8M, 14M, 5MR and 8MR tooth profiles.

PowerPainT™ Long Length belting has the same basic construction features as the endless version. All Long Length belts have fibreglass tensile cords.

Unlike chain, PowerPainT™ needs no lubrication thus reducing maintenance and, of course, contamination.

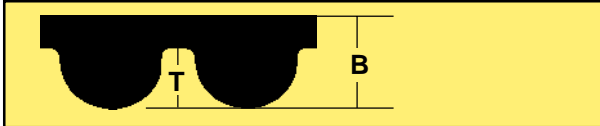
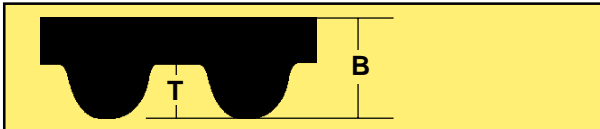
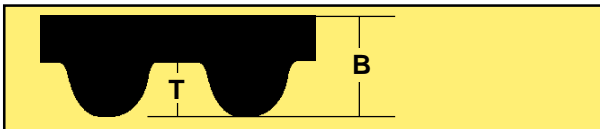
Features

- Curvilinear tooth profile
- Accurately spaced teeth
- Tough tensile cords

Benefits

- High load transmission and optimum stress distribution
- High positioning accuracy and optimum efficiency
- Excellent flex life and high resistance to elongation

Sections and nominal dimensions

	Pitch mm	T mm	B mm
			
5M	5.0	2.1	3.8
8M	8.0	3.4	6.0
14M	14.0	6.0	10.0
			
5MR	5.0	1.9	3.8
			
8MR / 8MGT	8.0	3.4	5.6
14MGT	14.0	6.0	10.0

Availability and packaging

Belts and slabs

Gates PowerPainT™ is available in packs containing single or multiple belts, or slabs to suit customers requirements. Single belt and slab standard widths are mentioned in the size listings.

Gates PowerPainT™ is a Made-To-Order product and is not kept in stock as a standard belt. Can be supplied in standard and non-standard widths.

Clean packaging

Gates PowerPainT™ is packed in strong, clear polythene bags. The label on each bag clearly identifies the belt type, dimensions, number of belts and slabs, and also the applied test method.

The product requires to be sealed from external contamination, right up to the time it is installed on the drive!

Belt programme: endless construction

5M pitch

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
180 5M	180	36	720
255 5M	255	51	720
305 5M	305	61	720
325 5M	325	65	720
350 5M	350	70	720
365 5M	365	73	720
375 5M	375	75	720
400 5M	400	80	720
425 5M	425	85	720
450 5M	450	90	720
500 5M	500	100	720
525 5M	525	105	720
535 5M	535	107	720
560 5M	560	112	720
575 5M	575	115	720
600 5M	600	120	720
610 5M	610	122	720
615 5M	615	123	460
635 5M	635	127	720
640 5M	640	128	720
665 5M	665	133	720
670 5M	670	134	720
695 5M	695	139	720
700 5M	700	140	720
720 5M	720	144	720
740 5M	740	148	720
755 5M	755	151	720
775 5M	775	155	720
800 5M	800	160	720
835 5M	835	167	720
890 5M	890	178	720
950 5M	950	190	720
1035 5M	1035	207	720
1050 5M	1050	210	720
1100 5M	1100	220	720
1200 5M	1200	240	720
1225 5M	1225	245	720
1595 5M	1595	319	720

5M pitch

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
2100 5M	2100	420	330
2350 50	2350	470	330

Single belt standard widths are 9 mm, 15 mm and 25 mm.

8M pitch

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
384 8M	384	48	720
480 8M	480	60	720
560 8M	560	70	720
600 8M	600	75	720
640 8M	640	80	720
720 8M	720	90	720
800 8M	800	100	720
880 8M	880	110	720
920 8M	920	115	460
960 8M	960	120	720
1040 8M	1040	130	720
1120 8M	1120	140	720
1200 8M	1200	150	720
1280 8M	1280	160	720
1360 8M	1360	170	460
1440 8M	1440	180	460
1600 8M	1600	200	460
1760 8M	1760	220	460
1800 8M	1800	225	720
2000 8M	2000	250	460
2240 8M	2240	280	330
2272 8M	2272	284	330
2400 8M	2400	300	330
2600 8M	2600	325	330
2800 8M	2800	350	330

Single belt standard widths are 20 mm, 30 mm, 50 mm and 85 mm.

14M pitch

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
784 14M	784	56	460
826 14M	826	59	460
924 14M	924	66	460
966 14M	966	69	460
1092 14M	1092	78	460
1190 14M	1190	85	460
1400 14M	1400	100	460
1610 14M	1610	115	460
1778 14M	1778	127	330
1890 14M	1890	135	330
2100 14M	2100	150	330
2310 14M	2310	165	330
2450 14M	2450	175	330
2590 14M	2590	185	330
2800 14M	2800	200	330
3150 14M	3150	225	330
3500 14M	3500	250	330
3850 14M	3850	275	330
4004 14M	4004	286	330
4326 14M	4326	309	330
4578 14M	4578	327	330

Single belt standard widths are 40 mm, 55 mm, 85 mm, 115 mm and 170 mm.

Belt programme: endless construction (continued)

8MGT pitch

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
384 8MGT	384	48	720
480 8MGT	480	60	720
560 8MGT	560	70	720
600 8MGT	600	75	720
640 8MGT	640	80	720
720 8MGT	720	90	720
800 8MGT	800	100	460
840 8MGT	840	105	460
880 8MGT	880	110	460
920 8MGT	920	115	460
960 8MGT	960	120	460
1040 8MGT	1040	130	460
1120 8MGT	1120	140	460
1200 8MGT	1200	150	460
1280 8MGT	1280	160	460
1440 8MGT	1440	180	460

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
1512 8MGT	1512	189	460
1584 8MGT	1584	198	460
1600 8MGT	1600	200	460
1760 8MGT	1760	220	460
1800 8MGT	1800	225	460
2000 8MGT	2000	250	330
2400 8MGT	2400	300	330
2600 8MGT	2600	325	330
2800 8MGT	2800	350	330
3048 8MGT	3048	381	330
3280 8MGT	3280	410	330
3600 8MGT	3600	450	330
4400 8MGT	4400	550	330

Single belt standard widths are 20 mm, 30 mm, 50 mm and 85 mm.

14MGT pitch

Length and pitch designat.	ISO pitch length mm	No. of teeth	Slab width mm
1190 14MGT	1190	85	330
1400 14MGT	1400	100	330
1778 14MGT	1778	127	330
1890 14MGT	1890	135	330
2100 14MGT	2100	150	330
2800 14MGT	2800	200	330
3150 14MGT	3150	225	330
3500 14MGT	3500	250	330
3850 14MGT	3850	275	330

Single belt standard widths are 40 mm, 55 mm, 85 mm, 115 mm and 170 mm.

Belt programme: Long Length open-end construction

HTD® profile

Pitch	Standard widths - mm	Length on roll - m
5M	6, 10, 15, 25	30
8M	10, 15, 20, 30, 50	30
14M	40, 55, 85	30

GT profile

Pitch	Standard widths - mm	Length on roll - m
5MR	10, 15, 25	30
8MR	15, 20, 30, 50	30

Ordering codes are composed as follows:

PPT 640 5M 2800

PPT - PowerPainT™
 640 - pitch length in mm
 5M - 5 mm pitch
 2800 - 28" slab width (720 mm)

PPT LL 8M 20 (30M) GLASS

PPT - PowerPainT™
 LL - Long Length
 8M - 8 mm pitch
 20 - 20 mm belt width
 30M - 30 m length
 GLASS - fiberglass tensile cord

Gates PowerPainT™ is a Made-To-Order product and is not kept in stock as a standard belt. Can be supplied in standard and non-standard widths.

Your distributor:



The world's most trusted name in belts and hose