

PowerGrip® GT®3 Belts - 5M

The highest density 5mm rubber belt, the PowerGrip GT3 belt has twice the load carrying capacity of its predecessor HTD®. In addition, less width is required compared to HTD, allowing lighter, more compact drives.

Markets/Applications

PowerGrip GT3 belts are suitable for many applications such as HVAC, office machines, machine tools, hand power tools, postage handling, spindle drives, food processors, sewing machines, robotics, linear and light package conveyor.

Features/Advantages

- **Fiberglass tensile cord** provides high strength, excellent flex life, and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil, and moisture.
- **Nylon tooth facing** provides a durable wear surface for long service life.
- Gates **patented tooth profile** is designed for use with a specific sprocket groove profile. The sprocket groove-belt tooth combination increases capacity, while improving registration.
- PowerGrip GT3 has more tooth ratchet resistance than HTD.
- Eliminates lubrication and re-tensioning reduce maintenance and labor as compared to roller chain drives.
- PowerGrip GT3 belt and GT®2 Sprocket combinations match or exceed the positional accuracy of PowerGrip® Timing belt/pulley systems.

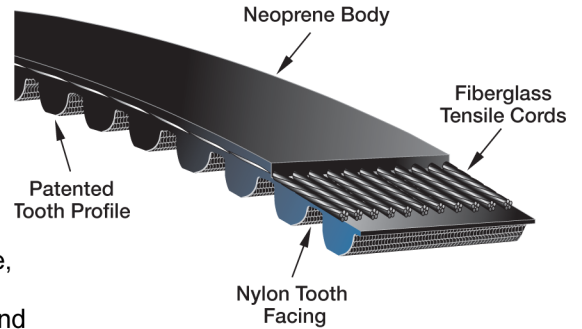
Recommended Sprockets

PowerGrip® GT®2 and Poly Chain® GT® Sprockets

Notes

PowerGrip GT3 part numbers are comprised of pitch, pitch length and width. For example; part number 400-5MGT-09 denotes a 400mm pitch length, 5mm pitch, and 9mm width.

Belt pitch is the distance in millimeters between two adjacent tooth centers as measured on the pitch line of the belt. Belt pitch length is the total length (circumference) in millimeters as measured along the pitch line. The theoretical pitch line of a PowerGrip GT3 belt lies within the tensile member.



Product No. Series 9400

5mm Pitch — 9mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
300-5MGT-09	9400-6060	60	11.81	.03
355-5MGT-09	9400-6071	71	13.98	.03
375-5MGT-09	9400-6075	75	14.76	.03
400-5MGT-09	9400-6080	80	15.75	.03
405-5MGT-09	9400-6081	81	15.95	.03
425-5MGT-09	9400-6085	85	16.73	.03
450-5MGT-09	9400-6090	90	17.72	.04
500-5MGT-09	9400-6100	100	19.69	.04
535-5MGT-09	9400-6107	107	21.06	.04
565-5MGT-09	9400-6113	113	22.24	.04
575-5MGT-09	9400-6115	115	22.64	.04
580-5MGT-09	9400-6116	116	22.83	.05
600-5MGT-09	9400-6120	120	23.62	.05
625-5MGT-09	9400-6125	125	24.61	.05
650-5MGT-09	9400-6130	130	25.59	.05

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
700-5MGT-09	9400-6140	140	27.56	.06
750-5MGT-09	9400-6150	150	29.53	.06
800-5MGT-09	9400-6160	160	31.50	.06
815-5MGT-09	9400-6163	163	32.09	.06
850-5MGT-09	9400-6170	170	33.46	.06
900-5MGT-09	9400-6180	180	35.43	.07
1000-5MGT-09	9400-6200	200	39.37	.08
1150-5MGT-09	9400-6230	230	45.28	.08
1300-5MGT-09	9400-6260	260	51.18	.10
1450-5MGT-09	9400-6290	290	57.09	.11
1600-5MGT-09	9400-6320	320	62.99	.13
1720-5MGT-09	9400-6344	344	67.72	.13
1755-5MGT-09	9400-6351	351	69.09	.13
2100-5MGT-09	9400-6420	420	82.67	.16

5mm Pitch — 15mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
300-5MGT-15	9400-7060	60	11.81	.04
355-5MGT-15	9400-7071	71	13.98	.04
375-5MGT-15	9400-7075	75	14.76	.05

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
400-5MGT-15	9400-7080	80	15.75	.05
405-5MGT-15	9400-7081	81	15.95	.05
425-5MGT-15	9400-7085	85	16.73	.05

PowerGrip® GT®3 Belts - 5M

Product No. Series 9400 (continued)

5mm Pitch — 15mm Wide (continued)

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
450-5MGT-15	9400-7090	90	17.72	.06	815-5MGT-15	9400-7163	163	32.09	.10
500-5MGT-15	9400-7100	100	19.69	.07	850-5MGT-15	9400-7170	170	33.46	.10
535-5MGT-15	9400-7107	107	21.06	.07	900-5MGT-15	9400-7180	180	35.43	.10
565-5MGT-15	9400-7113	113	22.24	.08	1000-5MGT-15	9400-7200	200	39.37	.13
575-5MGT-15	9400-7115	115	22.64	.08	1150-5MGT-15	9400-7230	230	45.28	.15
580-5MGT-15	9400-7116	116	22.83	.08	1300-5MGT-15	9400-7260	260	51.18	.18
600-5MGT-15	9400-7120	120	23.62	.08	1450-5MGT-15	9400-7290	290	57.09	.19
625-5MGT-15	9400-7125	125	24.61	.08	1600-5MGT-15	9400-7320	320	62.99	.20
650-5MGT-15	9400-7130	130	25.59	.10	1720-5MGT-15	9400-7344	344	67.72	.22
700-5MGT-15	9400-7140	140	27.56	.10	1755-5MGT-15	9400-7351	351	69.09	.22
750-5MGT-15	9400-7150	150	29.53	.10	2100-5MGT-15	9400-7420	420	82.68	.27
800-5MGT-15	9400-7160	160	31.50	.10					

5mm Pitch — 25mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
300-5MGT-25	9400-8060	60	11.81	.07	700-5MGT-25	9400-8140	140	27.56	.15
355-5MGT-25	9400-8071	71	13.98	.08	750-5MGT-25	9400-8150	150	29.53	.15
375-5MGT-25	9400-8075	75	14.76	.08	800-5MGT-25	9400-8160	160	31.50	.15
400-5MGT-25	9400-8080	80	15.75	.08	815-5MGT-25	9400-8163	163	32.09	.20
405-5MGT-25	9400-8081	81	15.95	.08	850-5MGT-25	9400-8170	170	33.46	.20
425-5MGT-25	9400-8085	85	16.73	.08	900-5MGT-25	9400-8180	180	35.43	.20
450-5MGT-25	9400-8090	90	17.72	.10	1000-5MGT-25	9400-8200	200	39.37	.20
500-5MGT-25	9400-8100	100	19.69	.10	1150-5MGT-25	9400-8230	230	45.28	.25
535-5MGT-25	9400-8107	107	21.06	.10	1300-5MGT-25	9400-8260	260	51.18	.30
565-5MGT-25	9400-8113	113	22.24	.10	1450-5MGT-25	9400-8290	290	57.09	.35
575-5MGT-25	9400-8115	115	22.64	.10	1600-5MGT-25	9400-8320	320	62.99	.38
580-5MGT-25	9400-8116	116	22.83	.10	1720-5MGT-25	9400-8344	344	67.72	.40
600-5MGT-25	9400-8120	120	23.62	.10	1755-5MGT-25	9400-8351	351	69.09	.50
625-5MGT-25	9400-8125	125	24.61	.10	2100-5MGT-25	9400-8420	420	82.68	.53
650-5MGT-25	9400-8130	130	25.59	.15					