

## PowerGrip® GT<sup>®</sup>3 Belts - 2M and 3M

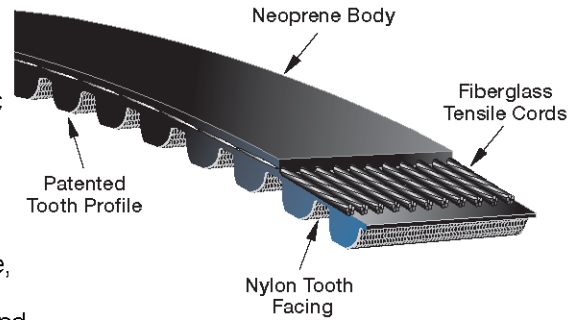
The PowerGrip GT3 belt has twice the load carrying capacity of its predecessor HTD<sup>®</sup>. In addition, less width is required compared to HTD, allowing lighter, more compact drives.

### Markets/Applications

PowerGrip GT3 belts are suitable for many applications including data storage, machine tool, hand power tools, postage handling, DC Stepper/Servo, food processors, office machines, centrifuges, money handling, medical diagnostic, sewing machines, ticket dispensers, robotics, vending machines and vacuum cleaners.

### 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 exceeds HTD in tooth ratchet resistance.
- Eliminates lubrication and re-tensioning reduce maintenance and labor as compared to roller chain drives.
- PowerGrip GT3 belt and GT<sup>®</sup>2 Sprocket combinations match or exceed the positional accuracy of PowerGrip<sup>®</sup> Timing belt/pulley systems.



### Recommended Sprockets

PowerGrip<sup>®</sup> GT<sup>®</sup>2 Sprockets

### Notes

PowerGrip GT3 part numbers are comprised of pitch, pitch length and width. For example; part number 100-2MGT-04 denotes a 100mm pitch length, 2mm pitch and 4mm 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

### 2mm Pitch — 4mm 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.)
100-2MGT-04	9400-0050	50	3.94	.01	236-2MGT-04	9400-0118	118	9.29	.01
112-2MGT-04	9400-0056	56	4.41	.01	240-2MGT-04	9400-0120	120	9.45	.01
124-2MGT-04	9400-0062	62	4.88	.01	250-2MGT-04	9400-0125	125	9.84	.01
126-2MGT-04	9400-0063	63	4.96	.01	252-2MGT-04	9400-0126	126	9.92	.01
134-2MGT-04	9400-0067	67	5.28	.01	258-2MGT-04	9400-0129	129	10.16	.01
136-2MGT-04	9400-0068	68	5.35	.01	278-2MGT-04	9400-0139	139	10.94	.01
140-2MGT-04	9400-0070	70	5.51	.01	280-2MGT-04	9400-0140	140	11.02	.01
152-2MGT-04	9400-0076	76	5.98	.01	300-2MGT-04	9400-0150	150	11.81	.01
158-2MGT-04	9400-0079	79	6.22	.01	320-2MGT-04	9400-0160	160	12.60	.01
160-2MGT-04	9400-0080	80	6.30	.01	322-2MGT-04	9400-0161	161	12.68	.01
164-2MGT-04	9400-0082	82	6.46	.01	332-2MGT-04	9400-0166	166	13.07	.01
166-2MGT-04	9400-0083	83	6.54	.01	346-2MGT-04	9400-0173	173	13.62	.01
168-2MGT-04	9400-0084	84	6.61	.01	350-2MGT-04	9400-0175	175	13.78	.01
172-2MGT-04	9400-0086	86	6.77	.01	364-2MGT-04	9400-0182	182	14.33	.01
180-2MGT-04	9400-0090	90	7.09	.01	370-2MGT-04	9400-0185	185	14.57	.01
186-2MGT-04	9400-0093	93	7.32	.01	380-2MGT-04	9400-0190	190	14.96	.01
192-2MGT-04	9400-0096	96	7.56	.01	386-2MGT-04	9400-0193	193	15.20	.01
200-2MGT-04	9400-0100	100	7.87	.01	400-2MGT-04	9400-0200	200	15.75	.01
202-2MGT-04	9400-0101	101	7.95	.01	406-2MGT-04	9400-0203	203	15.98	.01
210-2MGT-04	9400-0105	105	8.27	.01	420-2MGT-04	9400-0210	210	16.54	.01
212-2MGT-04	9400-0106	106	8.35	.01	456-2MGT-04	9400-0228	228	17.95	.01
216-2MGT-04	9400-0108	108	8.50	.01	470-2MGT-04	9400-0235	235	18.50	.01
220-2MGT-04	9400-0110	110	8.66	.01	474-2MGT-04	9400-0237	237	18.66	.01
232-2MGT-04	9400-0116	116	9.13	.01	488-2MGT-04	9400-0244	244	19.21	.01

# PowerGrip® GT®3 Belts - 2M and 3M

## Product No. Series 9400 (continued)

### 2mm Pitch — 4mm 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.)
504-2MGT-04	9400-0252	252	19.84	.01	640-2MGT-04	9400-0320	320	25.20	.02
528-2MGT-04	9400-0264	264	20.79	.01	696-2MGT-04	9400-0348	348	27.40	.02
552-2MGT-04	9400-0276	276	21.73	.01	744-2MGT-04	9400-0372	372	29.29	.02
576-2MGT-04	9400-0288	288	22.68	.01	848-2MGT-04	9400-0424	424	33.39	.02
600-2MGT-04	9400-0300	300	23.62	.01	1164-2MGT-04	9400-0582	582	45.83	.03

### 2mm Pitch — 6mm 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.)
100-2MGT-06	9400-1050	50	3.94	.01	278-2MGT-06	9400-1139	139	10.94	.01
112-2MGT-06	9400-1056	56	4.41	.01	280-2MGT-06	9400-1140	140	11.02	.01
124-2MGT-06	9400-1062	62	4.88	.01	300-2MGT-06	9400-1150	150	11.81	.01
126-2MGT-06	9400-1063	63	4.96	.01	320-2MGT-06	9400-1160	160	12.60	.01
134-2MGT-06	9400-1067	67	5.28	.01	322-2MGT-06	9400-1161	161	12.68	.01
136-2MGT-06	9400-1068	68	5.35	.01	332-2MGT-06	9400-1166	166	13.07	.01
140-2MGT-06	9400-1070	70	5.51	.01	346-2MGT-06	9400-1173	173	13.62	.01
152-2MGT-06	9400-1076	76	5.98	.01	350-2MGT-06	9400-1175	175	13.78	.01
158-2MGT-06	9400-1079	79	6.22	.01	364-2MGT-06	9400-1182	182	14.33	.01
160-2MGT-06	9400-1080	80	6.30	.01	370-2MGT-06	9400-1185	185	14.57	.01
164-2MGT-06	9400-1082	82	6.46	.01	380-2MGT-06	9400-1190	190	14.96	.01
166-2MGT-06	9400-1083	83	6.54	.01	386-2MGT-06	9400-1193	193	15.20	.01
168-2MGT-06	9400-1084	84	6.61	.01	400-2MGT-06	9400-1200	200	15.75	.01
172-2MGT-06	9400-1086	86	6.77	.01	406-2MGT-06	9400-1203	203	15.98	.01
180-2MGT-06	9400-1090	90	7.09	.01	420-2MGT-06	9400-1210	210	16.54	.01
186-2MGT-06	9400-1093	93	7.32	.01	456-2MGT-06	9400-1228	228	17.95	.01
192-2MGT-06	9400-1096	96	7.56	.01	470-2MGT-06	9400-1235	235	18.50	.01
200-2MGT-06	9400-1100	100	7.87	.01	474-2MGT-06	9400-1237	237	18.66	.01
202-2MGT-06	9400-1101	101	7.95	.01	488-2MGT-06	9400-1244	244	19.21	.01
210-2MGT-06	9400-1105	105	8.27	.01	504-2MGT-06	9400-1252	252	19.84	.01
212-2MGT-06	9400-1106	106	8.35	.01	528-2MGT-06	9400-1264	264	20.79	.01
216-2MGT-06	9400-1108	108	8.50	.01	552-2MGT-06	9400-1276	276	21.73	.01
220-2MGT-06	9400-1110	110	8.66	.01	576-2MGT-06	9400-1288	288	22.68	.02
232-2MGT-06	9400-1116	116	9.13	.01	600-2MGT-06	9400-1300	300	23.62	.02
236-2MGT-06	9400-1118	118	9.29	.01	640-2MGT-06	9400-1320	320	25.20	.02
240-2MGT-06	9400-1120	120	9.45	.01	696-2MGT-06	9400-1348	348	27.40	.02
250-2MGT-06	9400-1125	125	9.84	.01	744-2MGT-06	9400-1372	372	29.29	.03
252-2MGT-06	9400-1126	126	9.92	.01	848-2MGT-06	9400-1424	424	33.39	.03
258-2MGT-06	9400-1129	129	10.16	.01	1164-2MGT-06	9400-1582	582	45.83	.04

### 2mm Pitch — 9mm 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.)
100-2MGT-09	9400-2050	50	3.94	.01	186-2MGT-09	9400-2093	93	7.32	.01
112-2MGT-09	9400-2056	56	4.41	.01	192-2MGT-09	9400-2096	96	7.56	.01
124-2MGT-09	9400-2062	62	4.88	.01	200-2MGT-09	9400-2100	100	7.87	.01
126-2MGT-09	9400-2063	63	4.96	.01	202-2MGT-09	9400-2101	101	7.95	.01
134-2MGT-09	9400-2067	67	5.28	.01	210-2MGT-09	9400-2105	105	8.27	.01
136-2MGT-09	9400-2068	68	5.35	.01	212-2MGT-09	9400-2106	106	8.35	.01
140-2MGT-09	9400-2070	70	5.51	.01	216-2MGT-09	9400-2108	108	8.50	.01
152-2MGT-09	9400-2076	76	5.98	.01	220-2MGT-09	9400-2110	110	8.66	.01
158-2MGT-09	9400-2079	79	6.22	.01	232-2MGT-09	9400-2116	116	9.13	.01
160-2MGT-09	9400-2080	80	6.30	.01	236-2MGT-09	9400-2118	118	9.29	.01
164-2MGT-09	9400-2082	82	6.46	.01	240-2MGT-09	9400-2120	120	9.45	.01
166-2MGT-09	9400-2083	83	6.54	.01	250-2MGT-09	9400-2125	125	9.84	.01
168-2MGT-09	9400-2084	84	6.61	.01	252-2MGT-09	9400-2126	126	9.92	.01
172-2MGT-09	9400-2086	86	6.77	.01	258-2MGT-09	9400-2129	129	10.16	.01
180-2MGT-09	9400-2090	90	7.09	.01	278-2MGT-09	9400-2139	139	10.94	.01

POWERGRIP GT3 BELTS

# PowerGrip® GT®3 Belts - 2M and 3M

## Product No. Series 9400 (continued)

### 2mm Pitch — 9mm 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.)
280-2MGT-09	9400-2140	140	11.02	.01	456-2MGT-09	9400-2228	228	17.95	.02
300-2MGT-09	9400-2150	150	11.81	.01	470-2MGT-09	9400-2235	235	18.50	.02
320-2MGT-09	9400-2160	160	12.60	.01	474-2MGT-09	9400-2237	237	18.66	.02
322-2MGT-09	9400-2161	161	12.68	.01	488-2MGT-09	9400-2244	244	19.21	.02
332-2MGT-09	9400-2166	166	13.07	.01	504-2MGT-09	9400-2252	252	19.84	.02
346-2MGT-09	9400-2173	173	13.62	.01	528-2MGT-09	9400-2264	264	20.79	.02
350-2MGT-09	9400-2175	175	13.78	.01	552-2MGT-09	9400-2276	276	21.73	.02
364-2MGT-09	9400-2182	182	14.33	.02	576-2MGT-09	9400-2288	288	22.68	.02
370-2MGT-09	9400-2185	185	14.57	.02	600-2MGT-09	9400-2300	300	23.62	.03
380-2MGT-09	9400-2190	190	14.96	.02	640-2MGT-09	9400-2320	320	25.20	.03
386-2MGT-09	9400-2193	193	15.20	.02	696-2MGT-09	9400-2348	348	27.40	.03
400-2MGT-09	9400-2200	200	15.75	.02	744-2MGT-09	9400-2372	372	29.29	.03
406-2MGT-09	9400-2203	203	15.98	.02	848-2MGT-09	9400-2424	424	33.39	.04
420-2MGT-09	9400-2210	210	16.54	.02	1164-2MGT-09	9400-2582	582	45.83	.04

### 3mm Pitch — 6mm 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.)
099-3MGT-06	9400-3033	33	3.90	.01	414-3MGT-06	9400-3138	138	16.30	.02
111-3MGT-06	9400-3037	37	4.37	.01	420-3MGT-06	9400-3140	140	16.54	.02
123-3MGT-06	9400-3041	41	4.84	.01	447-3MGT-06	9400-3149	149	17.60	.02
129-3MGT-06	9400-3043	43	5.08	.01	450-3MGT-06	9400-3150	150	17.72	.02
159-3MGT-06	9400-3053	53	6.26	.01	474-3MGT-06	9400-3158	158	18.66	.02
165-3MGT-06	9400-3055	55	6.50	.01	480-3MGT-06	9400-3160	160	18.90	.02
180-3MGT-06	9400-3060	60	7.09	.01	483-3MGT-06	9400-3161	161	19.02	.02
183-3MGT-06	9400-3061	61	7.20	.01	489-3MGT-06	9400-3163	163	19.25	.02
189-3MGT-06	9400-3063	63	7.44	.01	504-3MGT-06	9400-3168	168	19.84	.02
201-3MGT-06	9400-3067	67	7.91	.01	537-3MGT-06	9400-3179	179	21.14	.02
219-3MGT-06	9400-3073	73	8.62	.01	552-3MGT-06	9400-3184	184	21.73	.02
225-3MGT-06	9400-3075	75	8.86	.01	564-3MGT-06	9400-3188	188	22.20	.02
240-3MGT-06	9400-3080	80	9.45	.01	600-3MGT-06	9400-3200	200	23.62	.02
243-3MGT-06	9400-3081	81	9.57	.01	630-3MGT-06	9400-3210	210	24.80	.02
255-3MGT-06	9400-3085	85	10.04	.01	684-3MGT-06	9400-3228	228	26.93	.03
267-3MGT-06	9400-3089	89	10.51	.01	735-3MGT-06	9400-3245	245	28.94	.03
282-3MGT-06	9400-3094	94	11.10	.01	750-3MGT-06	9400-3250	250	29.53	.03
291-3MGT-06	9400-3097	97	11.46	.01	786-3MGT-06	9400-3262	262	30.94	.03
300-3MGT-06	9400-3100	100	11.81	.01	840-3MGT-06	9400-3280	280	33.07	.03
339-3MGT-06	9400-3113	113	13.35	.01	945-3MGT-06	9400-3315	315	37.20	.03
348-3MGT-06	9400-3116	116	13.70	.01	1050-3MGT-06	9400-3350	350	41.34	.04
357-3MGT-06	9400-3119	119	14.06	.01	1080-3MGT-06	9400-3360	360	42.52	.04
360-3MGT-06	9400-3120	120	14.17	.01	1536-3MGT-06	9400-3512	512	60.47	.06
375-3MGT-06	9400-3125	125	14.76	.02	1587-3MGT-06	9400-3529	529	62.48	.06
393-3MGT-06	9400-3131	131	15.47	.02	2061-3MGT-06	9400-3687	687	81.14	.07

### 3mm Pitch — 9mm 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.)
099-3MGT-09	9400-4033	33	3.90	.01	219-3MGT-09	9400-4073	73	8.62	.01
111-3MGT-09	9400-4037	37	4.37	.01	225-3MGT-09	9400-4075	75	8.86	.01
123-3MGT-09	9400-4041	41	4.84	.01	240-3MGT-09	9400-4080	80	9.45	.01
129-3MGT-09	9400-4043	43	5.08	.01	243-3MGT-09	9400-4081	81	9.57	.01
159-3MGT-09	9400-4053	53	6.26	.01	255-3MGT-09	9400-4085	85	10.04	.01
165-3MGT-09	9400-4055	55	6.50	.01	267-3MGT-09	9400-4089	89	10.51	.01
180-3MGT-09	9400-4060	60	7.09	.01	282-3MGT-09	9400-4094	94	11.10	.02
183-3MGT-09	9400-4061	61	7.20	.01	291-3MGT-09	9400-4097	97	11.46	.02
189-3MGT-09	9400-4063	63	7.44	.01	300-3MGT-09	9400-4100	100	11.81	.02
201-3MGT-09	9400-4067	67	7.91	.01	339-3MGT-09	9400-4113	113	13.35	.02

POWERGRIP GT3 BELTS

# PowerGrip® GT®3 Belts - 2M and 3M

## Product No. Series 9400 (continued)

### 3mm Pitch — 9mm 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.)
348-3MGT-09	9400-4116	116	13.70	.02	552-3MGT-09	9400-4184	184	21.73	.03
357-3MGT-09	9400-4119	119	14.06	.02	564-3MGT-09	9400-4188	188	22.20	.03
360-3MGT-09	9400-4120	120	14.17	.02	600-3MGT-09	9400-4200	200	23.62	.03
375-3MGT-09	9400-4125	125	14.76	.02	630-3MGT-09	9400-4210	210	24.80	.03
393-3MGT-09	9400-4131	131	15.47	.02	684-3MGT-09	9400-4228	228	26.93	.04
414-3MGT-09	9400-4138	138	16.30	.02	735-3MGT-09	9400-4245	245	28.94	.04
420-3MGT-09	9400-4140	140	16.54	.02	750-3MGT-09	9400-4250	250	29.53	.04
447-3MGT-09	9400-4149	149	17.60	.02	786-3MGT-09	9400-4262	262	30.94	.04
450-3MGT-09	9400-4150	150	17.72	.02	840-3MGT-09	9400-4280	280	33.07	.04
474-3MGT-09	9400-4158	158	18.66	.02	945-3MGT-09	9400-4315	315	37.20	.05
480-3MGT-09	9400-4160	160	18.90	.03	1050-3MGT-09	9400-4350	350	41.34	.05
483-3MGT-09	9400-4161	161	19.02	.03	1080-3MGT-09	9400-4360	360	42.52	.06
489-3MGT-09	9400-4163	163	19.25	.03	1536-3MGT-09	9400-4512	512	60.47	.08
504-3MGT-09	9400-4168	168	19.84	.03	1587-3MGT-09	9400-4529	529	62.48	.08
537-3MGT-09	9400-4179	179	21.14	.03	2061-3MGT-09	9400-4687	687	81.14	.10

### 3mm Pitch — 15mm 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.)
099-3MGT-15	9400-5033	33	3.90	.01	414-3MGT-15	9400-5138	138	16.30	.04
111-3MGT-15	9400-5037	37	4.37	.01	420-3MGT-15	9400-5140	140	16.54	.04
123-3MGT-15	9400-5041	41	4.84	.01	447-3MGT-15	9400-5149	149	17.60	.04
129-3MGT-15	9400-5043	43	5.08	.02	450-3MGT-15	9400-5150	150	17.72	.04
159-3MGT-15	9400-5053	53	6.26	.02	474-3MGT-15	9400-5158	158	18.66	.04
165-3MGT-15	9400-5055	55	6.50	.02	480-3MGT-15	9400-5160	160	18.90	.04
180-3MGT-15	9400-5060	60	7.09	.02	483-3MGT-15	9400-5161	161	19.02	.04
183-3MGT-15	9400-5061	61	7.20	.02	489-3MGT-15	9400-5163	163	19.25	.04
189-3MGT-15	9400-5063	63	7.44	.02	504-3MGT-15	9400-5168	168	19.84	.04
201-3MGT-15	9400-5067	67	7.91	.02	537-3MGT-15	9400-5179	179	21.14	.04
219-3MGT-15	9400-5073	73	8.62	.02	552-3MGT-15	9400-5184	184	21.73	.04
225-3MGT-15	9400-5075	75	8.86	.02	564-3MGT-15	9400-5188	188	22.20	.04
240-3MGT-15	9400-5080	80	9.45	.02	600-3MGT-15	9400-5200	200	23.62	.05
243-3MGT-15	9400-5081	81	9.57	.02	630-3MGT-15	9400-5210	210	24.80	.06
255-3MGT-15	9400-5085	85	10.04	.02	684-3MGT-15	9400-5228	228	26.93	.06
267-3MGT-15	9400-5089	89	10.51	.02	735-3MGT-15	9400-5245	245	28.94	.07
282-3MGT-15	9400-5094	94	11.10	.03	750-3MGT-15	9400-5250	250	29.53	.07
291-3MGT-15	9400-5097	97	11.46	.03	786-3MGT-15	9400-5262	262	30.94	.07
300-3MGT-15	9400-5100	100	11.81	.03	840-3MGT-15	9400-5280	280	33.07	.08
339-3MGT-15	9400-5113	113	13.35	.03	945-3MGT-15	9400-5315	315	37.20	.09
348-3MGT-15	9400-5116	116	13.70	.03	1050-3MGT-15	9400-5350	350	41.34	.10
357-3MGT-15	9400-5119	119	14.06	.03	1080-3MGT-15	9400-5360	360	42.52	.10
360-3MGT-15	9400-5120	120	14.17	.03	1536-3MGT-15	9400-5512	512	60.47	.15
375-3MGT-15	9400-5125	125	14.76	.03	1587-3MGT-15	9400-5529	529	62.48	.15
393-3MGT-15	9400-5131	131	15.47	.03	2061-3MGT-15	9400-5687	687	81.14	.20

POWERGRIP GT3 BELTS