

MEGASYNC™ GOLD2

SUPER HIGH-TORQUE RPC PARABOLIC TOOTH PROFILE



MEGASYNC™ Gold2 has been developed to provide a more powerful version of RPP and Silver belts. It is suitable for a very wide range of applications in power transmission. This type of belt combines the advantages of gears and roller chain drives, minimizing the drawbacks of both.

Gold2 belts feature the RPC profile, designed also to be interchangeable with existing deep groove profiles and to run on pulleys according to ISO 13050.



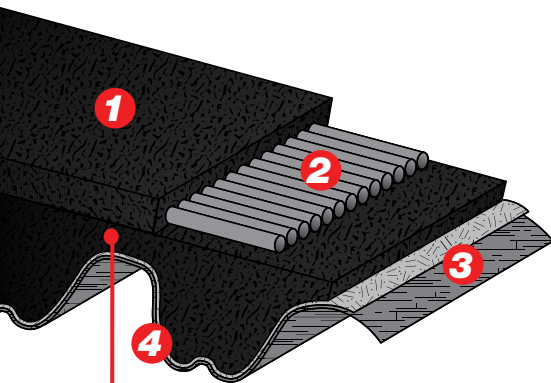
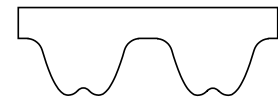
ANTISTATIC, ACCORDING TO ISO 9563

PART NOMENCLATURE

1800GLD2-8M50

1800	= Pitch length (mm)
GLD2	= Gold2
8M	= Tooth pitch (8mm)
50	= Belt width (mm)

GOLD2



The MEGASYNC™ Gold2 belt is made with premium materials. The extensive development and tests performed have resulted in a synchronous belt that has:

- 1. COMPOUND**
High-performance NBR
- 2. CORD**
High-performance Fiberglass
- 3. TOOTH FACING**
Dual layer nylon (for 14M) and single layer nylon (for 8M): self-lubricating, low friction, extended life
- 4. TOOTH PROFILE**
RPC

FEATURES & BENEFITS

- Tooth Pitch Code: GLD2 5M, GLD2 8M and GLD2 14M
- RPC tooth profile, known for its low-noise characteristics
- Cord: Higher power capacity Fiberglass Cords with excellent dimensional stability
- Compound: high-performance compound gives oil and heat resistance
- Tooth Cover: impregnated fabric coated with a film provides low friction and durability
- Antistatic properties: conforms to ISO 9563 (BS 2050) standard
- Operating temperatures: -13 °F up to +212°F
- Special Widths: Can be supplied in non-standard widths - available upon request
- Also available made to order in dual-sided and open end 8M & 14M
- Available in Megapaint Silicone-Free Packaging in 8M & 14M pitch, non-stock, made-to-order

TECHNICAL INFO

- Application: Where increased efficiency or synchronous operation and higher power capacity than RPP® Silver3 is required. General industry, conveyors, industrial equipment, machine and hand power tools, etc.
- Engineering Standards: Conforms to ARPM IP-27 and ISO 13050 standards
- Recommended Pulleys: Use pulleys made to ARPM or ISO 13050 standards





ANTISTATIC,
ACCORDING
TO ISO 9563



RPP GOLD2 - 5M

Contact Megadyne for this
high performance 5mm pitch

MEGASYNC™ GOLD2

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Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)								Pitch Lengths (mm)
		20	30	40	50	55	85	115	170	
GLD2 5M	5	available upon request - made to order								180 thru 2525
GLD2 8M	8	20	30	-	50	-	85	-	-	248 thru 4400
GLD2 14M	14	-	-	40	-	55	85	115	170	966 thru 4956

Standard widths shown. Can be cut to non-standard widths.

RPP GOLD2 - 8M

Belt Type	Pitch Length (mm)	Number of Teeth
248 GLD2 8M	248	31
288 GLD2 8M	288	36
320 GLD2 8M	320	40
352 GLD2 8M	352	44
360 GLD2 8M	360	45
376 GLD2 8M	376	47
384 GLD2 8M	384	48
408 GLD2 8M	408	51
416 GLD2 8M	416	52
424 GLD2 8M	424	53
456 GLD2 8M	456	57
480 GLD2 8M	480	60
536 GLD2 8M	536	67
544 GLD2 8M	544	68
560 GLD2 8M	560	70
600 GLD2 8M	600	75
608 GLD2 8M	608	76
632 GLD2 8M	632	79
640 GLD2 8M	640	80
680 GLD2 8M	680	85
720 GLD2 8M	720	90
760 GLD2 8M	760	95
800 GLD2 8M	800	100
840 GLD2 8M	840	105
880 GLD2 8M	880	110
896 GLD2 8M	896	112
920 GLD2 8M	920	115
960 GLD2 8M	960	120
976 GLD2 8M	976	122
1000 GLD2 8M	1000	125
1040 GLD2 8M	1040	130
1064 GLD2 8M	1064	133
1080 GLD2 8M	1080	135

RPP GOLD2 - 8M

Belt Type	Pitch Length (mm)	Number of Teeth
1120 GLD2 8M	1120	140
1160 GLD2 8M	1160	145
1200 GLD2 8M	1200	150
1224 GLD2 8M	1224	153
1280 GLD2 8M	1280	160
1352 GLD2 8M	1352	169
1424 GLD2 8M	1424	178
1440 GLD2 8M	1440	180
1464 GLD2 8M	1464	183
1512 GLD2 8M	1512	189
1584 GLD2 8M	1584	198
1600 GLD2 8M	1600	200
1680 GLD2 8M	1680	210
1760 GLD2 8M	1760	220
1792 GLD2 8M	1792	224
1800 GLD2 8M	1800	225
1904 GLD2 8M	1904	238
2000 GLD2 8M	2000	250
2200 GLD2 8M	2200	275
2240 GLD2 8M	2240	280
2272 GLD2 8M	2272	284
2400 GLD2 8M	2400	300
2520 GLD2 8M	2520	315
2600 GLD2 8M	2600	325
2800 GLD2 8M	2800	350
2840 GLD2 8M	2840	355
3048 GLD2 8M	3048	381
3200 GLD2 8M	3200	400
3280 GLD2 8M	3280	410
3600 GLD2 8M	3600	450
4000 GLD2 8M	4000	500
4400 GLD2 8M	4400	550

RPP GOLD - 14M

Belt Type	Pitch Length (mm)	Number of Teeth
966 GLD2 14M	966	69
994 GLD2 14M	994	71
1092 GLD2 14M	1092	78
1106 GLD2 14M	1106	79
1120 GLD2 14M	1120	80
1190 GLD2 14M	1190	85
1260 GLD2 14M	1260	90
1288 GLD2 14M	1288	92
1344 GLD2 14M	1344	96
1400 GLD2 14M	1400	100
1442 GLD2 14M	1442	103
1512 GLD2 14M	1512	108
1568 GLD2 14M	1568	112
1610 GLD2 14M	1610	115
1750 GLD2 14M	1750	125
1764 GLD2 14M	1764	126
1778 GLD2 14M	1778	127
1848 GLD2 14M	1848	132
1890 GLD2 14M	1890	135
1904 GLD2 14M	1904	136
1960 GLD2 14M	1960	140
2100 GLD2 14M	2100	150
2240 GLD2 14M	2240	160
2310 GLD2 14M	2310	165
2380 GLD2 14M	2380	170
2450 GLD2 14M	2450	175
2520 GLD2 14M	2520	180
2590 GLD2 14M	2590	185
2660 GLD2 14M	2660	190
2800 GLD2 14M	2800	200
2968 GLD2 14M	2968	212
3136 GLD2 14M	3136	224

RPP GOLD - 14M

Belt Type	Pitch Length (mm)	Number of Teeth
3150 GLD2 14M	3150	225
3304 GLD2 14M	3304	236
3360 GLD2 14M	3360	240
3500 GLD2 14M	3500	250
3850 GLD2 14M	3850	275
3920 GLD2 14M	3920	280
4326 GLD2 14M	4326	309
4410 GLD2 14M	4410	315
4578 GLD2 14M	4578	327
4956 GLD2 14M	4956	354

AVAILABLE SIZES

Additional lengths may be
available. Contact Megadyne
for sizes not listed.

NEW SIZES LISTED IN RED



WARNING: This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information visit www.P65WARNINGS.ca.gov

POWER TRANSMISSION