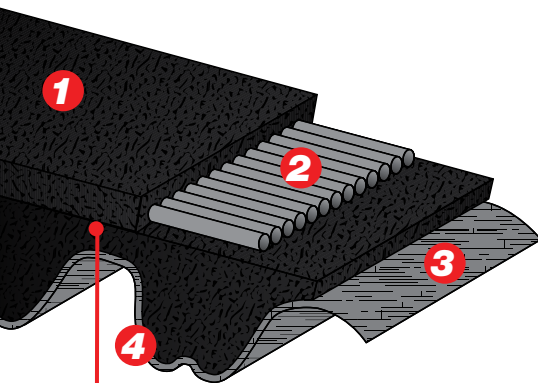




The MEGASYNC™ RPP belt is made with premium materials. The extensive development and tests performed have resulted in a synchronous belt that has:

- 1. COMPOUND**
Chloroprene
- 2. CORD**
Fiberglass
- 3. TOOTH FACING**
Specially treated Nylon fabric to reduce friction and pulley wear
- 4. TOOTH PROFILE**
RPP (reinforced parabolic profile)
- interchangeable with any RPP or HTD Profile pulley

SYNCHRONOUS BELTS

MEGASYNC™ RPP

HIGH TORQUE - 3M, 5M, 8M, 14M
PARABOLIC TOOTH PROFILE

MEGADYNE MEGASYNC RPP®

The RPP synchronous belt, with its reinforced parabolic tooth profile, is recognized as the quietest in the industry and is ideal for a wide range of applications. Fiberglass tensile member reinforcement ensures high torque power transmission, minimal elongation and high flexibility while the high quality chloroprene rubber compound provides excellent wear resistance and increased service life. A self-lubricating nylon fabric gives exceptional wear protection to the belt teeth.

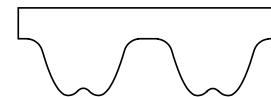
RPP Synchronous Belts are specified by pitch length, tooth pitch and belt width in millimeters - Example: 720-RPP8-30

PART NOMENCLATURE

720-RPP8-30

- 720** = Pitch length (mm)
- RPP** = Parabolic tooth profile
- 8** = Tooth pitch (8mm)
- 30** = Belt width (mm)

RPP



FEATURES & BENEFITS

- Fiberglass Tensile Cord: High dimensional stability and maximum flexibility
- Chloroprene Belt Body: Heat and ozone resistant; high tooth shear resistance
- Nylon Tooth Cover: Durability and wear resistance, increased power capacity
- RPP Tooth Profile: Low noise profile, recognized as quietest on the market
- Special Widths: Can be supplied in non-standard widths - available upon request

TECHNICAL INFO

- Applications: Drives requiring premium efficiency or synchronous operation and higher power capacity than trapezoidal timing belts. Used on conveyors, industrial equipment, machine tools, hand power tools and agricultural equipment where high power density is needed.
- Engineering Standards: Conforms to ARPM IP-27 and ISO 13050 standards
- Temperature Range: -13 °F up to +176° F (-25 °C up to +80 °C)
- Recommended Pulleys: Use pulleys made to ARPM/ISO standards
- Non-Standard Lengths: Sizes not listed may be available - Contact Megadyne

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)												Pitch Lengths (mm)
		6	9	15	20	25	30	40	50	55	85	115	170	
RPP3	3	06	09	15	-	-	-	-	-	-	-	-	-	90 thru 1863
RPP5	5	-	09	15	-	25	-	-	-	-	-	-	-	180 thru 2525
RPP8	8	-	-	-	20	-	30	-	50	-	85	-	-	600 thru 4400
RPP14	14	-	-	-	-	-	-	40	-	55	85	115	170	966 thru 4956

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



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



MEGASYNC™ RPP

HIGH TORQUE - 3M
PARABOLIC TOOTH PROFILE

RPP 3		
Belt Type	Pitch Length (mm)	Number of Teeth
90-RPP3	90	30
105-RPP3	105	35
129-RPP3	129	43
141-RPP3	141	47
144-RPP3	144	48
147-RPP3	147	49
150-RPP3	150	50
159-RPP3	159	53
168-RPP3	168	56
174-RPP3	174	58
177-RPP3	177	59
180-RPP3	180	60
186-RPP3	186	62
195-RPP3	195	65
201-RPP3	201	67
204-RPP3	204	68
210-RPP3	210	70
213-RPP3	213	71
225-RPP3	225	75
231-RPP3	231	77
240-RPP3	240	80
243-RPP3	243	81
246-RPP3	246	82
249-RPP3	249	83
252-RPP3	252	84
255-RPP3	255	85
261-RPP3	261	87
264-RPP3	264	88
267-RPP3	267	89
270-RPP3	270	90
276-RPP3	276	92
285-RPP3	285	95
288-RPP3	288	96
291-RPP3	291	97
297-RPP3	297	99
300-RPP3	300	100
312-RPP3	312	104
318-RPP3	318	106
327-RPP3	327	109
330-RPP3	330	110

RPP 3		
Belt Type	Pitch Length (mm)	Number of Teeth
333-RPP3	333	111
336-RPP3	336	112
339-RPP3	339	113
345-RPP3	345	115
351-RPP3	351	117
357-RPP3	357	119
363-RPP3	363	121
375-RPP3	375	125
384-RPP3	384	128
390-RPP3	390	130
393-RPP3	393	131
405-RPP3	405	135
420-RPP3	420	140
423-RPP3	423	141
432-RPP3	432	144
447-RPP3	447	149
474-RPP3	474	158
480-RPP3	480	160
486-RPP3	486	162
489-RPP3	489	163
495-RPP3	495	165
501-RPP3	501	167
510-RPP3	510	170
513-RPP3	513	171
522-RPP3	522	174
531-RPP3	531	177
537-RPP3	537	179
564-RPP3	564	188
570-RPP3	570	190
573-RPP3	573	191
576-RPP3	576	192
579-RPP3	579	193
582-RPP3	582	194
597-RPP3	597	199
600-RPP3	600	200
633-RPP3	633	211
648-RPP3	648	216
669-RPP3	669	223
711-RPP3	711	237
735-RPP3	735	245

RPP 3		
Belt Type	Pitch Length (mm)	Number of Teeth
738-RPP3	738	246
747-RPP3	747	249
756-RPP3	756	252
804-RPP3	804	268
882-RPP3	882	294
945-RPP3	945	315
1062-RPP3	1062	354
1125-RPP3	1125	375
1245-RPP3	1245	415
1263-RPP3	1263	421
1500-RPP3	1500	500
1530-RPP3	1530	510
1863-RPP3	1863	621

AVAILABLE SIZES

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



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MEGASYNC™ RPP

HIGH TORQUE - 5M, 8M
PARABOLIC TOOTH PROFILE

RPP 5		
Belt Type	Pitch Length (mm)	Number of Teeth
180-RPP5	180	36
225-RPP5	225	45
235-RPP5	235	47
245-RPP5	245	49
255-RPP5	255	51
265-RPP5	265	53
270-RPP5	270	54
280-RPP5	280	56
285-RPP5	285	57
295-RPP5	295	59
300-RPP5	300	60
305-RPP5	305	61
325-RPP5	325	65
330-RPP5	330	66
345-RPP5	345	69
350-RPP5	350	70
375-RPP5	375	75
400-RPP5	400	80
420-RPP5	420	84
425-RPP5	425	85
450-RPP5	450	90
455-RPP5	455	91
460-RPP5	460	92
465-RPP5	465	93
475-RPP5	475	95
500-RPP5	500	100
525-RPP5	525	105
535-RPP5	535	107
565-RPP5	565	113
575-RPP5	575	115
580-RPP5	580	116
600-RPP5	600	120
610-RPP5	610	122
615-RPP5	615	123
635-RPP5	635	127
640-RPP5	640	128
650-RPP5	650	130
670-RPP5	670	134
675-RPP5	675	135
700-RPP5	700	140
705-RPP5	705	141
710-RPP5	710	142

RPP 5		
Belt Type	Pitch Length (mm)	Number of Teeth
725-RPP5	725	145
740-RPP5	740	148
750-RPP5	750	150
755-RPP5	755	151
800-RPP5	800	160
835-RPP5	835	167
850-RPP5	850	170
890-RPP5	890	178
900-RPP5	900	180
935-RPP5	935	187
940-RPP5	940	188
950-RPP5	950	190
980-RPP5	980	196
1000-RPP5	1000	200
1025-RPP5	1025	205
1050-RPP5	1050	210
1100-RPP5	1100	220
1125-RPP5	1125	225
1135-RPP5	1135	227
1195-RPP5	1195	239
1200-RPP5	1200	240
1240-RPP5	1240	248
1270-RPP5	1270	254
1420-RPP5	1420	284
1500-RPP5	1500	300
1595-RPP5	1595	319
1605-RPP5	1605	321
1690-RPP5	1690	338
1790-RPP5	1790	358
1800-RPP5	1800	360
1870-RPP5	1870	374
1895-RPP5	1895	379
1945-RPP5	1945	389
2000-RPP5	2000	400
2250-RPP5	2250	450
2350-RPP5	2350	470
2525-RPP5	2525	505

RPP 8		
Belt Type	Pitch Length (mm)	Number of Teeth
248-RPP8	248	31
288-RPP8	288	36
320-RPP8	320	40
352-RPP8	352	44
360-RPP8	360	45
376-RPP8	376	47
384-RPP8	384	48
408-RPP8	408	51
416-RPP8	416	52
424-RPP8	424	53
456-RPP8	456	57
480-RPP8	480	60
536-RPP8	536	67
544-RPP8	544	68
560-RPP8	560	70
600-RPP8	600	75
608-RPP8	608	76
632-RPP8	632	79
640-RPP8	640	80
680-RPP8	680	85
720-RPP8	720	90
760-RPP8	760	95
800-RPP8	800	100
840-RPP8	840	105
880-RPP8	880	110
896-RPP8	896	112
920-RPP8	920	115
960-RPP8	960	120
976-RPP8	976	122
1000-RPP8	1000	125
1040-RPP8	1040	130
1064-RPP8	1064	133
1080-RPP8	1080	135
1120-RPP8	1120	140
1160-RPP8	1160	145
1200-RPP8	1200	150
1224-RPP8	1224	153
1280-RPP8	1280	160
1352-RPP8	1352	169
1424-RPP8	1424	178
1440-RPP8	1440	180
1464-RPP8	1464	183

RPP 8		
Belt Type	Pitch Length (mm)	Number of Teeth
1512-RPP8	1512	189
1584-RPP8	1584	198
1600-RPP8	1600	200
1680-RPP8	1680	210
1760-RPP8	1760	220
1792-RPP8	1792	224
1800-RPP8	1800	225
1904-RPP8	1904	238
2000-RPP8	2000	250
2200-RPP8	2200	275
2240-RPP8	2240	280
2272-RPP8	2272	284
2400-RPP8	2400	300
2520-RPP8	2520	315
2600-RPP8	2600	325
2800-RPP8	2800	350
2840-RPP8	2840	355
3048-RPP8	3048	381
3200-RPP8	3200	400
3280-RPP8	3280	410
3600-RPP8	3600	450
4000-RPP8	4000	500
4400-RPP8	4400	550

AVAILABLE SIZES

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

NEW SIZES LISTED IN RED





MEGASYNC™ RPP

HIGH TORQUE - 14M
PARABOLIC TOOTH PROFILE

RPP14		
Belt Type	Pitch Length (mm)	Number of Teeth
966-RPP14	966	69
994-RPP14	994	71
1092-RPP14	1092	78
1106-RPP14	1106	79
1120-RPP14	1120	80
1190-RPP14	1190	85
1260-RPP14	1260	90
1288-RPP14	1288	92
1344-RPP14	1344	96
1400-RPP14	1400	100
1442-RPP14	1442	103
1512-RPP14	1512	108
1568-RPP14	1568	112
1610-RPP14	1610	115
1750-RPP14	1750	125
1764-RPP14	1764	126
1778-RPP14	1778	127
1848-RPP14	1848	132
1890-RPP14	1890	135
1904-RPP14	1904	136
1960-RPP14	1960	140
2100-RPP14	2100	150

RPP14		
Belt Type	Pitch Length (mm)	Number of Teeth
2240-RPP14	2240	160
2310-RPP14	2310	165
2380-RPP14	2380	170
2450-RPP14	2450	175
2520-RPP14	2520	180
2590-RPP14	2590	185
2660-RPP14	2660	190
2800-RPP14	2800	200
2968-RPP14	2968	212
3136-RPP14	3136	224
3150-RPP14	3150	225
3304-RPP14	3304	236
3360-RPP14	3360	240
3500-RPP14	3500	250
3850-RPP14	3850	275
3920-RPP14	3920	280
4326-RPP14	4326	309
4410-RPP14	4410	315
4578-RPP14	4578	327
4956-RPP14	4956	354

AVAILABLE SIZES

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



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RPP® DUAL SIDED

HIGH TORQUE - 5M, 8M, 14M PARABOLIC TOOTH PROFILE

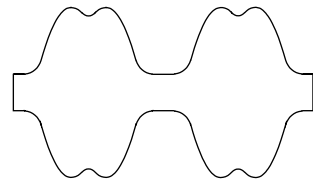
RPP Dual Sided High Torque belts are a high power and high precision class of belt. Compared to Imperial trapezoidal tooth belts they transmit more power in the same width or allow a reduction of width to transmit the same power. The parabolic profile transmits more power and reduces tooth jump and noise and is designed to be interchangeable with existing deep groove belt and pulley profiles. Molded teeth (not ground) on both sides of the belt allow 100% full power capability either side of the belt.

PART NOMENCLATURE

D960-RPP8-30

D	= Dual sided teeth
960	= Pitch length (mm)
RPP	= Parabolic tooth profile
8	= Tooth pitch (8mm)
30	= Belt width (mm)

RPP DD



FEATURES & BENEFITS

- Fiberglass Tensile Cord: High dimensional stability and maximum flexibility
- Chloroprene Belt Body: Heat and ozone resistant; high tooth shear resistance
- Nylon Tooth Cover: Durability and wear resistance, increased power capacity
- RPP Tooth Profile: Low noise profile, recognized as quietest on the market
- Available made to order in Dual-Sided Silver3 (Extra High Torque) & Gold2 (Super High Torque) construction in 8M & 14M
- Special Widths: Can be supplied in non-standard widths - available upon request
- 100% power transmission capability on both sides of belt.

TECHNICAL INFO

- Applications: Drives requiring reverse rotation of driven shafts, serpentine layout. Used on conveyors, industrial equipment, machine tools, hand power tools and agricultural equipment where high power density is needed.
- Engineering Standards: Conforms to ARPM IP-27 and ISO 13050 standards
- Temperature Range: -13 °F up to +176° F (-25 °C up to +80 °C)
- Recommended Pulleys: Use pulleys made to ARPM/ISO standards
- Non-Standard Lengths: Sizes not listed may be available - Contact Megadyne

Pitch Code	Tooth Pitch (mm)	Standard Widths/Width Codes (mm)											Pitch Lengths (mm)
		9	15	20	25	30	40	50	55	85	115	170	
DRPP5	5	09	15	20	25	-	-	-	-	-	-	-	600 thru 2525
DRPP8	8	-	-	20	-	30	-	50	-	85	-	-	600 thru 4400
DRPP14	14	-	-	-	-	-	40	-	55	85	115	170	966 thru 4956

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

The RPP® Dual Sided belt is made with premium materials. The extensive development and tests performed have resulted in a dual sided synchronous belt that has:

1. COMPOUND
Chloroprene

2. CORD
Fiberglass

3. TOOTH FACING
Nylon cover on molded teeth for full 100% power capability - both sides

4. TOOTH PROFILE
RPP (reinforced parabolic profile) - interchangeable with any RPP or HTD Profile pulley



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RPP® DUAL SIDED

HIGH TORQUE - 5M, 8M, 14M
PARABOLIC TOOTH PROFILE

RPP5 - DUAL SIDED		
Belt Type	Pitch Length (mm)	Number of Teeth
D600-RPP5	600	120
D610-RPP5	610	122
D615-RPP5	615	123
D635-RPP5	635	127
D640-RPP5	640	128
D670-RPP5	670	134
D675-RPP5	675	135
D700-RPP5	700	140
D705-RPP5	705	141
D710-RPP5	710	142
D725-RPP5	725	145
D740-RPP5	740	148
D750-RPP5	750	150
D755-RPP5	755	151
D800-RPP5	800	160
D835-RPP5	835	167
D850-RPP5	850	170
D890-RPP5	890	178
D900-RPP5	900	180
D935-RPP5	935	187
D940-RPP5	940	188
D950-RPP5	950	190
D980-RPP5	980	196
D1000-RPP5	1000	200
D1025-RPP5	1025	205
D1050-RPP5	1050	210
D1100-RPP5	1100	220
D1125-RPP5	1125	225
D1135-RPP5	1135	227
D1195-RPP5	1195	239
D1200-RPP5	1200	240
D1240-RPP5	1240	248
D1270-RPP5	1270	254
D1420-RPP5	1420	284
D1500-RPP5	1500	300
D1595-RPP5	1595	319
D1605-RPP5	1605	321
D1690-RPP5	1690	338
D1790-RPP5	1790	358
D1800-RPP5	1800	360
D1870-RPP5	1870	374
D1895-RPP5	1895	379

RPP5 - DUAL SIDED		
Belt Type	Pitch Length (mm)	Number of Teeth
D1945-RPP5	1945	389
D2000-RPP5	2000	400
D2250-RPP5	2250	450
D2525-RPP5	2525	505

RPP8 - DUAL-SIDED		
Belt Type	Pitch Length (mm)	Number of Teeth
D600-RPP8	600	75
D608-RPP8	608	76
D632-RPP8	632	79
D640-RPP8	640	80
D680-RPP8	680	85
D720-RPP8	720	90
D800-RPP8	800	100
D840-RPP8	840	105
D880-RPP8	880	110
D896-RPP8	896	112
D920-RPP8	920	115
D960-RPP8	960	120
D976-RPP8	976	125
D1000-RPP8	1000	125
D1040-RPP8	1040	130
D1064-RPP8	1064	133
D1080-RPP8	1080	135
D1120-RPP8	1120	140
D1160-RPP8	1160	145
D1200-RPP8	1200	150
D1224-RPP8	1224	153
D1280-RPP8	1280	160
D1352-RPP8	1352	169
D1424-RPP8	1424	178
D1440-RPP8	1440	180
D1464-RPP8	1464	183
D1512-RPP8	1512	189
D1584-RPP8	1584	198
D1600-RPP8	1600	200
D1680-RPP8	1680	210
D1760-RPP8	1760	220
D1800-RPP8	1800	225

RPP8 - DUAL-SIDED		
Belt Type	Pitch Length (mm)	Number of Teeth
D1904-RPP8	1904	238
D2000-RPP8	2000	250
D2200-RPP8	2200	275
D2240-RPP8	2240	280
D2272-RPP8	2272	284
D2400-RPP8	2400	300
D2520-RPP8	2520	315
D2600-RPP8	2600	325
D2800-RPP8	2800	350
D2840-RPP8	2840	355
D3048-RPP8	3048	381
D3200-RPP8	3200	400
D3280-RPP8	3280	410
D3600-RPP8	3600	450
D4400-RPP8	4400	550

RPP14 - DUAL-SIDED		
Belt Type	Pitch Length (mm)	Number of Teeth
D966-RPP14	966	69
D994-RPP14	994	71
D1092-RPP14	1092	78
D1106-RPP14	1106	79
D1120-RPP14	1120	80
D1190-RPP14	1190	85
D1260-RPP14	1260	90
D1288-RPP14	1288	92
D1344-RPP14	1344	96
D1400-RPP14	1400	100
D1442-RPP14	1442	103
D1512-RPP14	1512	108
D1568-RPP14	1568	112
D1610-RPP14	1610	115
D1750-RPP14	1750	125
D1764-RPP14	1764	126
D1778-RPP14	1778	127
D1848-RPP14	1848	132
D1890-RPP14	1890	135
D1904-RPP14	1904	136
D1960-RPP14	1960	140

RPP14 - DUAL-SIDED		
Belt Type	Pitch Length (mm)	Number of Teeth
D2100-RPP14	2100	150
D2240-RPP14	2240	160
D2310-RPP14	2310	165
D2380-RPP14	2380	170
D2450-RPP14	2450	175
D2520-RPP14	2520	180
D2590-RPP14	2590	185
D2660-RPP14	2660	190
D2800-RPP14	2800	200
D2968-RPP14	2968	212
D3150-RPP14	3150	225
D3136-RPP14	3136	224
D3304-RPP14	3304	236
D3360-RPP14	3360	240
D3500-RPP14	3500	250
D3850-RPP14	3850	275
D3920-RPP14	3920	280
D4326-RPP14	4326	309
D4410-RPP14	4410	315
D4578-RPP14	4578	327
D4956-RPP14	4956	354



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POWER TRANSMISSION