

Megadyne Group:



MEGADYNE IS LOCATED IN

- MATHI (ITALY) *
- TURIN (ITALY)
- VENICE (ITALY)
- MILAN (ITALY) *
- MINSK (BELARUS)
- PRAGUE (CZECH REPUBLIC)
- PARIS (FRANCE) *
- ST. JEAN DE MAURIENNE (FRANCE) *
- LION (FRANCE)
- BORCHEN (GERMANY)
- ULM (GERMANY) *
- BUDAPEST (HUNGARY)
- BYDGOSZCZ (POLAND)
- BRATISLAVA (SLOVAKIA)
- BARCELONA (SPAIN) *
- LEEDS (UK)
- FOSNAN (CHINA)
- SHANGHAI (CHINA) *
- QINGDAO (CHINA) *
- DUBAI (UAE)
- PINEVILLE-NC (USA) *
- SAO PAULO (BRASIL)
- WUXI (CHINA) *

JASON IS LOCATED IN

- NEW JERSEY
- ILLINOIS
- CALIFORNIA
- FLORIDA
- TEXAS
- OREGON
- QUEBEC
- ONTARIO
- ALBERTA
- MEXICO
- BRASIL
- UK
- SOUTH CAROLINA *

* MANUFACTURING FACILITIES

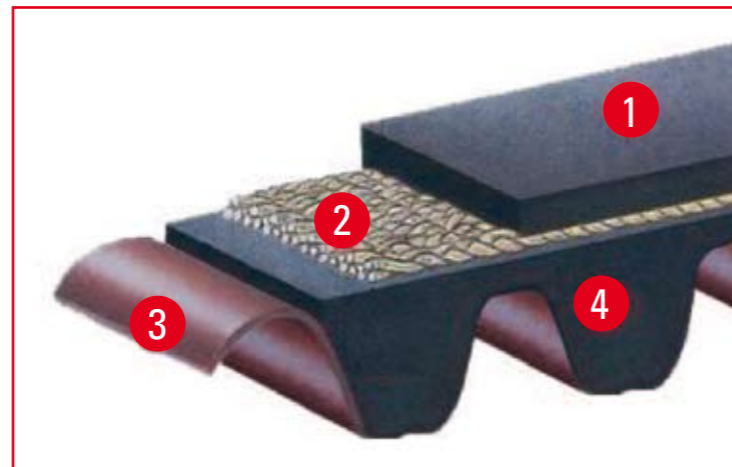
RPP MEGAPAIN
New Product information



RPP MEGAPAIN

Megadyne Rubber have developed a new timing belt RPP8 designed for conveyor and transfer lines, specifically for painting systems.

Belts are silicon free and do not contain contaminants, as requested for water or solvent based paints; the purity of materials and the absence of polluting particles guarantee painted surfaces always perfect and without any defect.



Structure

- Cord in Fiberglass with high elastic module and a special surface treatment [2]
- Belt body [4] and back [1] made of NBR based mixture with high purity without contaminating agents
- Fabric on teeth [3] with high wearing resistance, with a nitrilic based treatment to protect the external surface

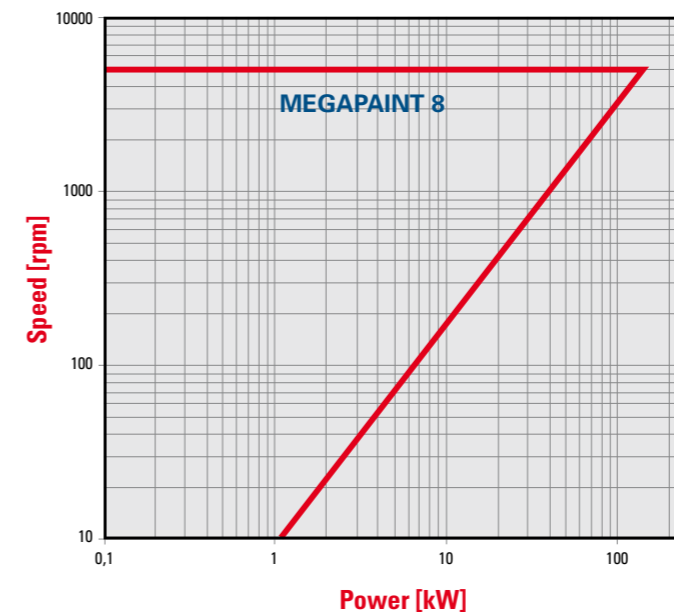
Properties

- Silicon free and without surface impurities and contaminants, according to car manufacturers' standard and tests made by Forschungsinstitut für Pigmente und Lacke e.V. of the Stuttgart University
- High resistance to ozone and adequate resistance to lubricating oils
- Working temperatures from -20°C up to 100°C
- No need at all for maintenance and lubrication
- Performances equivalent to RPP SILVER
- Complete interchangeability on RPP and HTD pulleys pitch 8M

Range

- MegaPaint are available in the whole RPP8 range, on demand with a minimum order quantity
- Belts are delivered in a special protecting package in order to guarantee a complete surface purity from the manufacturing to the installation

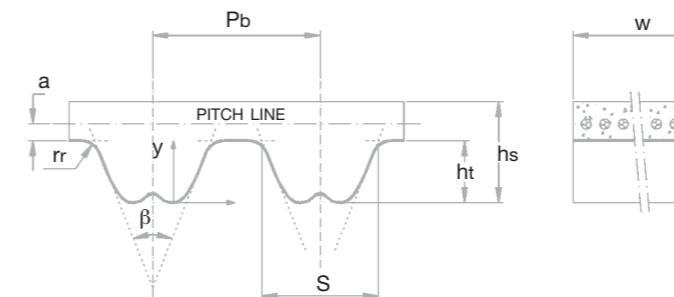
Belt Performances



BASIC PERFORMANCE IN kW FOR SILVER 8-20 mm WIDE

Diam rpm/Z	56,02	61,12	66,21	71,30	76,39	81,49	86,58	91,67	96,77	101,86	112,05	122,23	142,60	162,97	183,3	203,72
10	0,07	0,08	0,08	0,09	0,09	0,10	0,11	0,11	0,12	0,13	0,14	0,15	0,18	0,20	0,23	0,25
20	0,14	0,15	0,16	0,18	0,19	0,20	0,21	0,23	0,24	0,25	0,28	0,30	0,35	0,40	0,45	0,50
30	0,21	0,23	0,25	0,26	0,28	0,30	0,32	0,34	0,36	0,38	0,42	0,45	0,53	0,60	0,68	0,76
50	0,35	0,38	0,41	0,44	0,47	0,50	0,53	0,57	0,60	0,63	0,69	0,76	0,88	1,01	1,13	1,26
70	0,48	0,53	0,57	0,62	0,66	0,70	0,75	0,79	0,84	0,88	0,97	1,06	1,23	1,41	1,59	1,76
100	0,68	0,75	0,82	0,88	0,94	1,01	1,07	1,13	1,20	1,26	1,38	1,51	1,76	2,01	2,27	2,52
200	1,14	1,26	1,38	1,50	1,62	1,74	1,86	1,98	2,11	2,23	2,48	2,74	3,26	3,78	4,31	4,85
300	1,55	1,71	1,87	2,03	2,19	2,36	2,52	2,69	2,86	3,03	3,37	3,71	4,41	5,12	5,84	6,58
400	1,92	2,12	2,32	2,52	2,72	2,93	3,13	3,34	3,55	3,76	4,18	4,61	5,47	6,35	7,25	8,16
500	2,27	2,51	2,74	2,98	3,22	3,46	3,70	3,94	4,19	4,44	4,94	5,44	6,47	7,51	8,57	9,64
600	2,61	2,87	3,14	3,41	3,69	3,96	4,24	4,52	4,80	5,09	5,66	6,24	7,41	8,61	9,81	11,04
700	2,92	3,22	3,53	3,83	4,14	4,45	4,76	5,08	5,39	5,71	6,35	7,00	8,32	9,65	11,01	12,38
800	3,23	3,56	3,90	4,23	4,57	4,92	5,26	5,61	5,96	6,31	7,02	7,74	9,19	10,66	12,16	13,67
900	3,53	3,89	4,26	4,62	5,00	5,37	5,75	6,12	6,51	6,89	7,66	8,44	10,03	11,64	13,26	14,91
1000	3,82	4,21	4,61	5,00	5,40	5,81	6,22	6,63	7,04	7,45	8,29	9,13	10,84	12,58	14,34	16,11
1100	4,10	4,52	4,95	5,37	5,80	6,24	6,67	7,11	7,56	8,00	8,90	9,80	11,64	13,50	15,38	17,27
1200	4,38	4,83	5,28	5,73	6,19	6,66	7,12	7,59	8,06	8,54	9,49	10,46	12,41	14,39	16,39	18,40
1300	4,65	5,12	5,60	6,09	6,57	7,06	7,56	8,06	8,56	9,06	10,07	11,09	13,16	15,26	17,37	19,50
1400	4,91	5,42	5,92	6,43	6,95	7,47	7,99	8,51	9,04	9,57	10,64	11,72	13,90	16,10	18,32	20,56
1500	5,17	5,70	6,23	6,77	7,31	7,86	8,41	8,96	9,51	10,07	11,19	12,33	14,61	16,93	19,25	21,59
1600	5,43	5,98	6,54	7,10	7,67	8,24	8,82	9,40	9,98	10,56	11,74	12,92	15,32	17,73	20,16	22,59
1700	5,68	6,26	6,84	7,43	8,02	8,62	9,22	9,83	10,43	11,04	12,27	13,51	16,00	18,52	21,04	23,57
1800	5,93	6,53	7,14	7,75	8,37	8,99	9,62	10,25	10,88	11,52	12,80	14,08	16,67	19,28	21,90	24,52
1900	6,17	6,80	7,43	8,07	8,71	9,36	10,01	10,66	11,32	11,98	13,31	14,64	17,33	20,03	22,74	25,44
2000	6,41	7,06	7,72	8,38	9,05	9,72	10,40	11,07	11,75	12,44	13,81	15,20	17,98	20,76	23,55	26,33
2500	7,56	8,33	9,10	9,88	10,66	11,44	12,23	13,02	13,82	14,61	16,21	17,80	20,99	24,16	27,30	30,38
3000	8,65	9,52	10,40	11,28	12,16	13,05	13,94	14,83	15,72	16,61	18,40	20,17	23,69	27,14	30,49	
3500	9,67	10,64	11,62	12,59	13,57	14,55	15,53	16,51	17,49	18,46	20,40	22,32	26,07	29,69		
4000	10,65	11,71	12,77	13,83	14,90	15,95	17,01	18,06	19,11	20,15	22,21	24,23	28,13			
4500	11,58	12,72	13,86	15,00	16,14	17,26	18,39	19,50	20,60	21,69	23,83	25,91				
5000	12,47	13,68	14,89	16,10	17,29	18,48	19,65	20,81	21,95	23,07	25,26					

For belt and transmission calculation, see "RPP SILVER calculation handbook"



Belt type	Pitch	β	S	hs	ht	rr	a
SLV8M	8mm	32°	5,5mm	5,4mm	3,2mm	1,00mm	0,686mm

PITCH AND LENGTH DESIGNATION	PITCH LENGTH (mm)	N° OF TEETH	PITCH AND LENGTH DESIGNATION	PITCH LENGTH (mm)	N° OF TEETH	PITCH AND LENGTH DESIGNATION	PITCH LENGTH (mm)	N° OF TEETH
288-SLV8	288	36	720-SLV8	720	90	1440-SLV8	1440	180
320-SLV8	320	40	800-SLV8	800	100	1464-SLV8	1464	183
352-SLV8	352	44	840-SLV8	840	105	1600-SLV8	1600	200
360-SLV8	360	45	880-SLV8	880	110	1760-SLV8	1760	220
384-SLV8	384	48	896-SLV8	896	112	1800-SLV8	1800	225
408-SLV8	408	51	920-SLV8	920	115	2000-SLV8	2000	250
456-SLV8	456	57	960-SLV8	960	120	2200-SLV8	2200	275
480-SLV8	480	60	1000-SLV8	1000	125	2400-SLV8	2400	300
536-SLV8	536	67	1040-SLV8	1040	130	2520-SLV8	2520	315
544-SLV8	544	68	1080-SLV8	1080	135	2600-SLV8	2600	325
560-SLV8	560	70	1120-SLV8	1120	140	2800-SLV8	2800	350
600-SLV8	600	75	1200-SLV8	1200	150	3048-SLV8	3048	381
608-SLV8	608	76	1224-SLV8	1224	153	3280-SLV8	3280	410
632-SLV8	632	79	1280-SLV8	1280	160	3600-SLV8	3600	450
640-SLV8	640	80	1352-SLV8	1352	169	4400-SLV8	4400	550
680-SLV8	680	85						

Standard width: 20mm, 30mm, 50mm, 85mm