

# MEGALINEAR RPP8 OPEN-END

## BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	10	15	20	30	50	85	100
Weight (gr/m)	65	100	130	195	330	560	655

Standard compound: **white Polyurethane thermoplastic 92 ShA**

Standard back cover: **none**

Standard tooth cover: **nylon fabric (NFT)**

Standard cords: **S and Z torsion zinked steel**

Standard width tolerance: **+/- 0,5 mm**

Standard thickness: **5,4 +/- 0,3 mm**

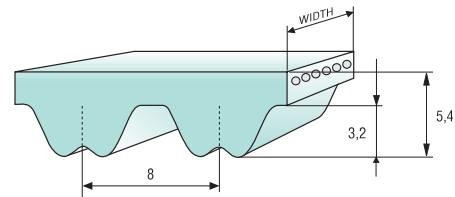
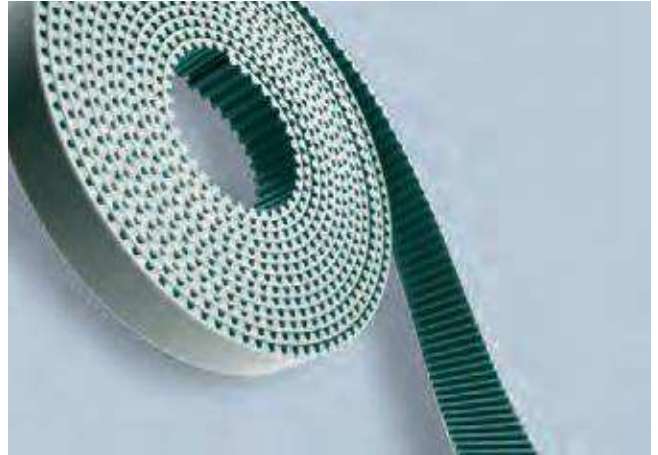
Standard length tolerance: **+/- 0,8 mm/m**

Standard roll length: **100 m**

Belt options on request with minimum quantity:

- Nylon fabric back
- Antistatic nylon fabric
- AVAFC 60/70/85 ShA
- APL
- Fishbone
- Ribbed
- Cleats

Different back coating materials see page 94



## TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000	5000	8000
F <sub>p spec</sub> (N/cm)	<b>76</b>	<b>75</b>	<b>74</b>	<b>73</b>	<b>72</b>	<b>71</b>	<b>65</b>	<b>62</b>	<b>60</b>	<b>57</b>	<b>53</b>	<b>50</b>	<b>45</b>	<b>42</b>	<b>38</b>	<b>35</b>	<b>32</b>	<b>25</b>

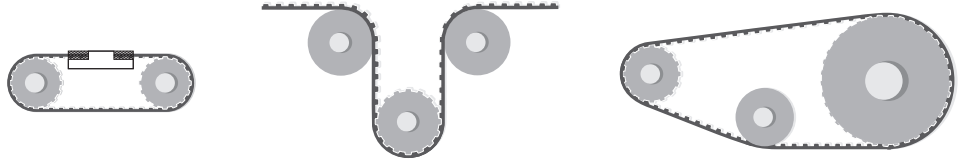
Minimum suggested number of teeth in clamp for linear movement: 7

## TRACTION RESISTANCE

Belt width (mm)		10	15	20	30	50	85	100
Steel	Max Traction Load (N)	1350	2030	2930	4510	7670	14010	16625
	Breaking Strength (N)	5415	8120	11730	18050	30685	53245	63175
	Elongation at MTL (mm/m)	4	4	4	4	4	4	4
Kevlar	Max Traction Load (N)	1110	1665	2405	3705	6295	11505	13650
	Breaking Strength (N)	4445	6665	9630	14820	25190	43715	51870
	Elongation at MTL (mm/m)	8	8	8	8	8	8	8

Average values

## FLEXION RESISTANCE



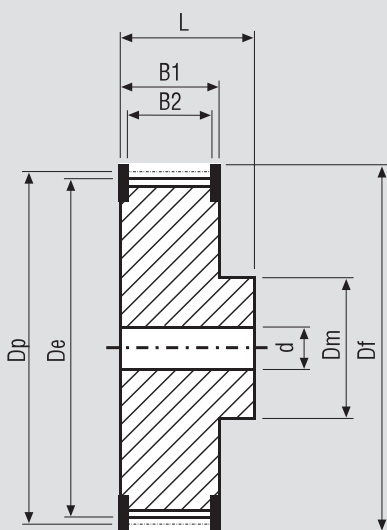
	Z min	Z min	Idler min dia (mm)	Z min	Idler min dia (mm)
Standard steel cords	18	20	100	18	45
Kevlar cords	18	20	100	18	45

## JOINED BELT INFORMATIONS

- Minimum splice length 900 mm
- Traction and tooth resistances = 50% less than open-end
- Joined belt can be used only in conveyor systems
- Rolls with NFT, NFB, AVAFC and APL can be joined too
- Minimum diameters according above table
- For coated belts, minimum diameters on page 94



## PULLEYS (for more details please see our pulleys catalogue)



N° Teeth	Dp	De	N° Teeth	Dp	De
18	45,86	44,49	44	112,04	110,67
22	56,02	54,65	48	122,23	120,86
24	61,12	59,74	54	137,51	136,14
26	66,21	64,84	64	162,97	161,60
28	71,30	69,93	72	183,35	181,97
30	76,39	75,02	80	203,72	202,35
32	81,49	80,12	90	229,18	227,81
34	86,58	85,21	112	285,20	283,83
36	91,67	90,30	144	366,69	365,32
38	96,77	95,39	168	427,81	426,44
40	101,86	100,49	192	488,92	487,55