



**Profiles:**  
MXL, XL, L, H, XH, XXH

**Profiles:**  
DXL, DL, DH

# optibelt ZR

**TIMING BELT MADE OF CHLOROPRENE**  
maintenance-free, with glass-fibre tension cord



	MXL	XL	L	H	XH	XXH	DXL	DL	DH
Nominal length	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$
Nominal lengths unit	in	in	in	in	in	in	in	in	in
Height of belt $h_s$ [mm]	1.14	2.30	3.60	4.00	11.20	15.70	3.05	4.57	5.94
Tooth height $h_i$ [mm]	0.51	1.27	1.91	2.29	6.35	9.53	1.27	1.91	2.29
Tooth pitch $t$ [mm]	2.032	5.08	9.525	12.70	22.225	31.75	5.08	9.525	12.70

- Non stock items

Further dimensions are available on request;  
minimum order quantity on request.

Sleeve width tolerances +/- 20 mm

Width 500 mm: +/- 10 mm

Surcharges for alternative versions:

Not all dimensions are available for all of the alternative versions.  
The feasibility, minimum order quantity and delivery period must be assessed in each case.

**ZR SPECIAL (upgrade)**

For details of the upgraded/cast special belts please see our compact catalogue „Material Handling“. Prices on request.

Extra oil and heat resistant	+ 150 %
Special abrasion class G1	+ 25 %
Aramidcord	+ 60 %
Red Rubber 40, 40 Shore A	on request
White mixture, 55 Shore A and 75 Shore A	on request
Silicone red, 50 Shore A	on request
Restrictions to standard tolerances for width or length	on request
Ribbed belt profile PK on belt back	on request
Strengthened belt back	on request
Special coil (only S or Z spooling)	on request

Ordering example: 800 XXH 300

800= Length code    XXH= Profile    300= Width code

Please make sure to mention the product name in your order.

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>MXL</b>				
MXL 264 •	2.64	67.06	33	470
MXL 360	3.60	91.44	45	470
MXL 432 •	4.32	109.73	54	470
MXL 440	4.40	111.76	55	470
MXL 448 •	4.48	113.79	56	470
MXL 456 •	4.56	115.82	57	470
MXL 464 •	4.64	117.86	58	470
MXL 480	4.80	121.92	60	470
MXL 488 •	4.88	123.95	61	470
MXL 536 •	5.36	136.14	67	470
MXL 544 •	5.44	138.18	68	470
MXL 560 •	5.60	142.24	70	470
MXL 568 •	5.68	144.27	71	470
MXL 576 •	5.76	146.30	72	470
MXL 600 •	6.00	152.40	75	470
MXL 608 •	6.08	154.43	76	470
MXL 632 •	6.32	160.53	79	470
MXL 640	6.40	162.56	80	470
MXL 656 •	6.56	166.62	82	470
MXL 664 •	6.64	168.66	83	470
MXL 672 •	6.72	170.69	84	470
MXL 680 •	6.80	172.72	85	470
MXL 704 •	7.04	178.82	88	470
MXL 720 •	7.20	182.88	90	470
MXL 728 •	7.28	184.91	91	470
MXL 736 •	7.36	186.94	92	470
MXL 752 •	7.52	191.01	94	470
MXL 760 •	7.60	193.04	95	470
MXL 776 •	7.76	197.10	97	470
MXL 800 •	8.00	203.20	100	470
MXL 808 •	8.08	205.23	101	470
MXL 816 •	8.16	207.26	102	470
MXL 824 •	8.24	209.30	103	470
MXL 840 •	8.40	213.36	105	470
MXL 848 •	8.48	215.39	106	470
MXL 856 •	8.56	217.42	107	470
MXL 864 •	8.64	219.46	108	470
MXL 880	8.80	223.52	110	470
MXL 896 •	8.96	227.58	112	470
MXL 904 •	9.04	229.62	113	470
MXL 912 •	9.12	231.65	114	470
MXL 920 •	9.20	233.68	115	470
MXL 960 •	9.60	243.84	120	470
MXL 976 •	9.76	247.90	122	470
MXL 984 •	9.84	249.94	123	470
MXL 1000 •	10.00	254.00	125	470
MXL 1008 •	10.08	256.03	126	470
MXL 1040 •	10.40	264.16	130	470
MXL 1056 •	10.56	268.22	132	470
MXL 1072 •	10.72	272.29	134	470
MXL 1080 •	10.80	274.32	135	470

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
MXL 1112 •	11.12	282.45	139	470
MXL 1120	11.20	284.48	140	470
MXL 1136 •	11.36	288.54	142	470
MXL 1176 •	11.76	298.70	147	470
MXL 1184 •	11.84	300.74	148	470
MXL 1200 •	12.00	304.80	150	470
MXL 1224 •	12.24	310.90	153	470
MXL 1272 •	12.72	323.09	159	470
MXL 1280 •	12.80	325.12	160	470
MXL 1320 •	13.20	335.28	165	470
MXL 1360 •	13.60	345.44	170	470
MXL 1400	14.00	355.60	175	470
MXL 1440 •	14.40	365.76	180	470
MXL 1472 •	14.72	373.89	184	470
MXL 1520 •	15.20	386.08	190	470
MXL 1560 •	15.60	396.24	195	470
MXL 1600 •	16.00	406.40	200	470
MXL 1768 •	17.68	449.07	221	470
MXL 1800 •	18.00	457.20	225	470
MXL 1888 •	18.88	479.55	236	470
MXL 1984 •	19.84	503.94	248	470
MXL 1992 •	19.92	505.97	249	470
MXL 2008 •	20.08	510.03	251	470
MXL 2048 •	20.48	520.19	256	470
MXL 2144 •	21.44	544.58	268	470
MXL 2240 •	22.40	568.96	280	470
MXL 2384 •	23.84	605.54	298	470
MXL 2480 •	24.80	629.92	310	470
MXL 2520 •	25.20	640.08	315	470
MXL 2776 •	27.76	705.10	347	470
MXL 2880 •	28.80	731.52	360	470
MXL 2920 •	29.20	741.68	365	470
MXL 3200 •	32.00	812.80	400	470
MXL 3472 •	34.72	881.89	434	470
MXL 3624 •	36.24	920.50	453	470
MXL 3704 •	37.04	940.82	463	470
MXL 3984 •	39.84	1011.94	498	470
MXL 4040 •	40.40	1026.16	505	470

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>XL</b>				
XL 60	6.00	152.40	30	470
XL 70	7.00	177.80	35	470
XL 80	8.00	203.20	40	470
XL 86 •	8.60	218.44	43	470
XL 88	8.80	223.52	44	470
XL 90	9.00	228.60	45	470
XL 92 •	9.20	233.68	46	470
XL 94 •	9.40	238.76	47	470
XL 96	9.60	243.84	48	470
XL 98	9.80	248.92	49	470

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
XL 100	10.00	254.00	50	470
XL 102	10.20	259.08	51	470
XL 106	10.60	269.24	53	470
XL 108 •	10.80	274.32	54	470
XL 110	11.00	279.40	55	470
XL 112 •	11.20	284.48	56	470
XL 116	11.60	294.64	58	470
XL 118 •	11.80	299.72	59	470
XL 120	12.00	304.80	60	470
XL 124	12.40	314.96	62	470
XL 126	12.60	320.04	63	470
XL 128	12.80	325.12	64	470
XL 130	13.00	330.20	65	470
XL 134	13.40	340.36	67	470
XL 136	13.60	345.44	68	470
XL 138 •	13.80	350.52	69	470
XL 140	14.00	355.60	70	470
XL 142	14.20	360.68	71	470
XL 148 •	14.80	375.92	74	431
XL 150	15.00	381.00	75	470
XL 156	15.60	396.24	78	470
XL 160	16.00	406.40	80	470
XL 162 •	16.20	411.48	81	470
XL 166	16.60	421.64	83	470
XL 168 •	16.80	426.72	84	470
XL 170	17.00	431.80	85	470
XL 174 •	17.40	441.96	87	470
XL 176	17.60	447.04	88	470
XL 178 •	17.80	452.12	89	470
XL 180	18.00	457.20	90	470
XL 182	18.20	462.28	91	470
XL 184 •	18.40	467.36	92	470
XL 188 •	18.80	477.52	94	720
XL 190	19.00	482.60	95	470
XL 192 •	19.20	487.68	96	470
XL 194	19.40	492.76	97	470
XL 196	19.60	497.84	98	470
XL 198 •	19.80	502.92	99	470
XL 200	20.00	508.00	100	470
XL 210	21.00	533.40	105	470
XL 220	22.00	558.80	110	470
XL 230	23.00	584.20	115	470
XL 240	24.00	609.60	120	470
XL 244 •	24.40	619.76	122	470
XL 248 •	24.80	629.92	124	470
XL 250	25.00	635.00	125	470
XL 260	26.00	660.40	130	470
XL 270	27.00	685.80	135	470
XL 272 •	27.20	690.88	136	470
XL 274 •	27.40	695.96	137	470
XL 280	28.00	711.20	140	470
XL 286 •	28.60	726.44	143	470

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
XL 290	29.00	736.60	145	470
XL 296 •	29.60	751.84	148	470
XL 300	30.00	762.00	150	470
XL 306 •	30.60	777.24	153	470
XL 310	31.00	787.40	155	470
XL 316	31.60	802.64	158	470
XL 320	32.00	812.80	160	500
XL 322	32.20	817.88	161	470
XL 330	33.00	838.20	165	470
XL 340	34.00	863.60	170	470
XL 344 •	34.40	873.76	172	470
XL 350 •	35.00	889.00	175	470
XL 360	36.00	914.40	180	500
XL 380	38.00	965.20	190	470
XL 382 •	38.20	970.28	191	470
XL 388 •	38.80	985.52	194	470
XL 390	39.00	990.60	195	470
XL 392 •	39.20	995.68	196	470
XL 412	41.20	1046.48	206	500
XL 414	41.40	1051.56	207	500
XL 432	43.20	1097.28	216	500
XL 434	43.40	1102.36	217	500
XL 438 •	43.80	1112.52	219	470
XL 460	46.00	1168.40	230	470
XL 498 •	49.80	1264.92	249	470
XL 506 •	50.60	1285.24	253	470
XL 514	51.40	1305.56	257	500
XL 580 •	58.00	1473.20	290	470
XL 630	63.00	1600.20	315	470

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>L</b>				
L 109	10.88	276.23	29	470
L 124	12.38	314.33	33	470
L 150	15.00	381.00	40	470
L 165	16.50	419.10	44	470
L 169	16.88	428.63	45	470
L 173	17.25	438.15	46	470
L 187	18.75	476.25	50	470
L 202	20.05	514.35	54	470
L 210	21.00	533.40	56	470
L 225	22.50	571.50	60	470
L 232	23.25	590.55	62	470
L 236	23.63	600.08	63	470
L 240	24.00	609.60	64	470
L 255	25.50	647.70	68	470
L 259 •	25.90	657.23	69	500
L 263	26.30	666.75	70	500
L 270	27.00	685.80	72	470
L 285	28.50	723.90	76	470
L 300	30.00	762.00	80	470

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
L 322	32.25	819.15	86	470
L 345	34.50	876.30	92	470
L 360	36.00	914.40	96	470
L 367	36.75	933.45	98	470
L 375	37.50	952.50	100	500
L 390	39.00	990.60	104	470
L 405	40.50	1028.70	108	470
L 420	42.00	1066.80	112	470
L 424 •	42.38	1076.33	113	500
L 427 •	42.75	1085.85	114	500
L 435	43.50	1104.90	116	470
L 439	43.86	1114.43	117	500
L 450	45.00	1143.00	120	470
L 454	45.38	1152.53	121	470
L 480	48.00	1219.20	128	470
L 510	51.00	1295.40	136	470
L 525	52.50	1333.50	140	500
L 540	54.00	1371.60	144	500
L 600	60.00	1524.00	160	500
L 630	63.00	1600.20	168	500
L 660	66.00	1676.40	176	500
L 817	81.70	2075.18	218	500

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>H</b>				
H 230	23.00	584.20	46	500
H 240	24.00	609.60	48	500
H 255	25.50	647.70	51	500
H 270	27.00	685.80	54	500
H 280	28.00	711.20	56	500
H 300	30.00	762.00	60	500
H 310	31.00	787.40	62	500
H 315	31.50	800.10	63	500
H 320	32.00	812.80	64	500
H 330	33.00	838.20	66	500
H 335	33.50	850.90	67	500
H 340	34.00	863.60	68	500
H 350	35.00	889.00	70	500
H 360	36.00	914.40	72	500
H 370	37.00	939.80	74	500
H 375	37.50	952.50	75	500
H 390	39.00	990.60	78	500
H 400	40.00	1016.00	80	500
H 410	41.00	1041.40	82	500
H 420	42.00	1066.80	84	500
H 430	43.00	1092.20	86	500
H 450	45.00	1143.00	90	500
H 465	46.50	1181.10	93	500
H 480	48.00	1219.20	96	500
H 490	49.00	1244.60	98	500
H 510	51.00	1295.40	102	500

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
H 520	52.00	1320.80	104	500
H 530	53.00	1346.20	106	500
H 540	54.00	1371.60	108	500
H 560	56.00	1422.40	112	500
H 570	57.00	1447.80	114	500
H 580	58.00	1473.20	116	500
H 600	60.00	1524.00	120	500
H 630	63.00	1600.20	126	500
H 650	65.00	1651.00	130	500
H 660	66.00	1676.40	132	500
H 670	67.00	1701.80	134	500
H 680	68.00	1727.20	136	500
H 700	70.00	1778.00	140	500
H 720	72.00	1828.80	144	500
H 730	73.00	1854.20	146	500
H 750	75.00	1905.00	150	500
H 770	77.00	1955.80	154	500
H 800	80.00	2032.00	160	500
H 810	81.00	2057.40	162	500
H 820	82.00	2082.80	164	500
H 850	85.00	2159.00	170	500
H 860	86.00	2184.40	172	500
H 900	90.00	2286.00	180	500
H 950	95.00	2413.00	190	500
H 1000	100.00	2540.00	200	500
H 1020	102.00	2590.80	202	500
H 1100	110.00	2794.00	220	500
H 1120	112.00	2844.80	224	470
H 1140	114.00	2895.60	228	540
H 1150	115.00	2921.00	230	500
H 1250	125.00	3175.00	250	500
H 1400	140.00	3556.00	280	500
H 1700	170.00	4318.00	340	500

Description	L <sub>w</sub> (in)	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>XH</b>				
XH 507	50.75	1289.05	58	500
XH 560	56.00	1422.40	64	500
XH 630	63.00	1600.20	72	500
XH 700	70.00	1778.00	80	500
XH 770	77.00	1955.80	88	500
XH 840	84.00	2133.60	96	500
XH 980	98.00	2489.20	112	500
XH 1120	112.00	2844.80	128	500
XH 1260	126.00	3200.40	144	500
XH 1400	140.00	3556.00	160	500
XH 1540	154.00	3911.60	176	540
XH 1750	175.00	4445.00	200	540

