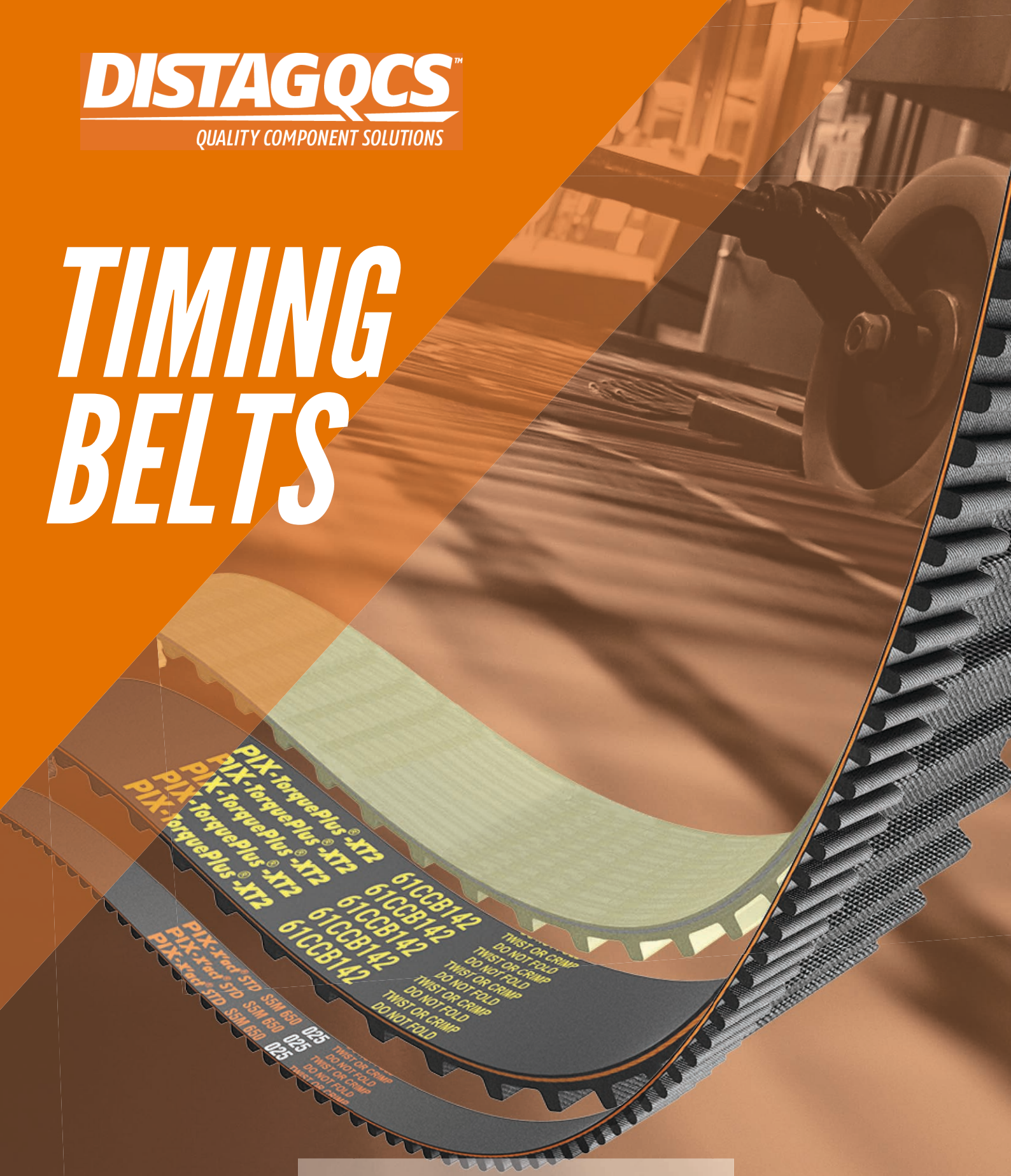
DISTAGQCS™

QUALITY COMPONENT SOLUTIONS

TIMING BELTS



PIX

Power Transmission Solutions

Driving growth!

REV-01

DISTAGQCS
QUALITY COMPONENT SOLUTIONS

TIMING BELTS

INTRODUCTION

TIMING BELTS ARE BECOMING INCREASINGLY PREVALENT IN MODERN DRIVE SYSTEMS, PARTICULARLY WITH THE GROWTH OF AUTOMATION.

A timing belt can be best described as a belt with integrally moulded teeth on its inside which makes positive engagement with the timing pulley. Timing Belts are also known as synchronous belts or positive-drive Belts. The most important feature of a synchronous drive is that it offers a fixed speed ratio between the driver and the driven pulleys.

Other important characteristics include:

- No re-tensioning required, so virtually maintenance-free. Low resultant maintenance costs.
- Able to accommodate a very wide range of power transmission capacities and drive speeds. Work well on everything from light office equipment to heavy crusher and quarry drives.
- No slippage, so no speed variation. The positive-drive which results allows the precise timing of connected machine components, thus making timing belts the natural choice in factory automation.

PIX ARE WORLD LEADERS IN THE MANUFACTURE OF ADVANCED TECHNOLOGY BELTS

DISTAGQCS™
QUALITY COMPONENT SOLUTIONS

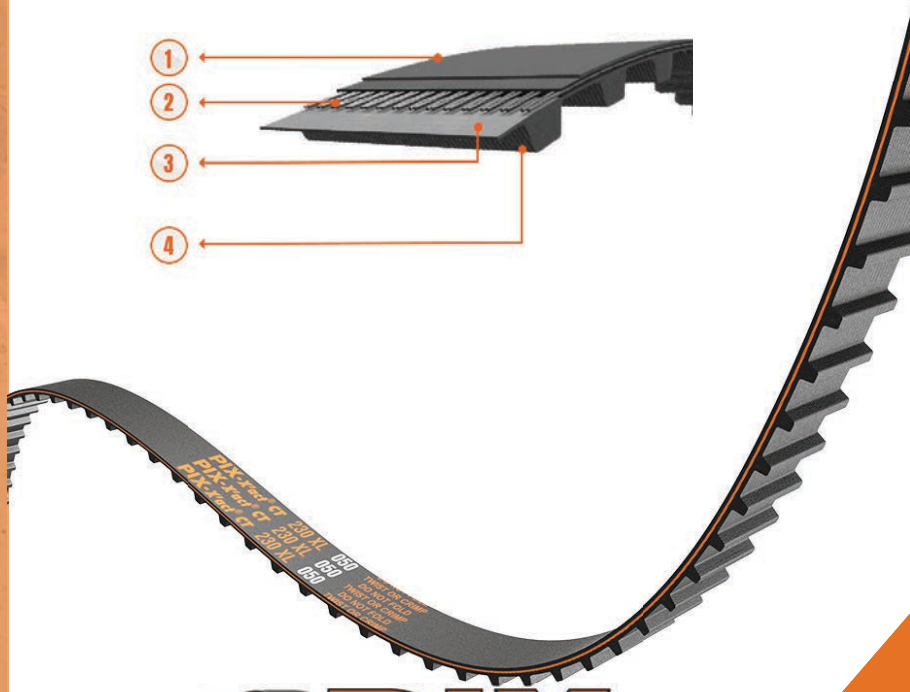
X'ACT CLASSICAL SECTION TIMING BELTS

FEATURES

- High efficiency due to positive engagement between the Belt teeth and pulley grooves.
- Fibre-glass cord provides excellent strength, flex life & high resistance to elongation.
- Exact power transmission.
- Low noise level & longer service life.
- Improved stress distribution.
- Temperature range: -25°C to +100°C
- Reference standards ISO13050, 5294, 5296.

CONSTRUCTIONAL DETAILS

1. Polychloroprene backing.
2. Fibre-glass cord for superior tensile strength & minimum elongation.
3. High modulus Fibre loaded Polychloroprene rubber compound.
4. Nylon stretchable fabric teeth for high wear resistance.



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PIX ARE WORLD LEADERS IN THE MANUFACTURE OF ADVANCED TECHNOLOGY BELTS

X'ACT CLASSICAL TIMING BELTS

PIX X'ACT CLASSICAL H SECTION

Useful Information

Belt Length Conversion Factors:
Tooth Pitch – 12.7
Tooth Height – 2.29
Belt Thickness – 4.3

Manufacturing Range FROM:
- 14.5 TO 272 INCHES

Nominal Length (How the belt reference is arrived at)
Pitch Length (Lp) in inches X 10

Belt weight per metre (kg): 1.6

H Classical Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)
230H	23	584.2	46	18.3	390H	39	990.6	78	18.3	560H	56	1422.4	112	18.3	810H	71	1803.4	142	18.3
240H	24	609.6	48	18.3	400H	40	1016	80	18.3	570H	57	1447.8	114	18.3	820H	72	1828.8	144	18.3
255H	25.5	647.7	51	18.3	420H	42	1066.8	84	18.3	600H	60	1524	120	18.3	850H	75	1905	150	18.3
270H	27	685.8	54	18.3	430H	43	1092.2	86	18.3	630H	63	1600.2	126	18.3	900H	90	2286	180	18.3
280H	28	711.2	56	18.3	450H	45	1143	90	18.3	660H	66	1676.4	132	18.3	1000H	100	2540	200	18.3
300H	30	762	60	18.3	465H	46.5	1181.1	93	18.3	700H	70	1778	140	18.3	1100H	110	2794	220	18.3
320H	32	812.8	64	18.3	470H	47	1193.8	94	18.3	725H	72.5	1841.5	145	18.3	900H	90	2286	180	18.3
330H	33	838.2	66	18.3	480H	48	1219.2	96	18.3	730H	73	1854.2	146	18.3	1000H	100	2540	200	18.3
360H	36	914.4	72	18.3	490H	49	1244.6	98	18.3	750H	75	1905	150	18.3	1100H	110	2794	220	18.3
370H	37	939.8	74	18.3	510H	51	1295.4	102	18.3	770H	77	1955.8	154	18.3	1150H	115	2921	230	18.3
375H	37.5	952.5	75	18.3	540H	54	1371.6	108	18.3	800H	80	2032	160	18.3					

Other sizes available to special order – please speak to our sales team for a quotation.

PIX X'ACT CLASSICAL L SECTION

Useful Information

Belt Length Conversion Factors:
Tooth Pitch – 9.525
Tooth Height – 1.91
Belt Thickness – 3.6

Manufacturing Range FROM:
- 6.7 TO 270 INCHES

Nominal Length (How the belt reference is arrived at)
Pitch Length (Lp) in inches X 10

Belt weight per metre (kg): 1.6

L Classical Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)
150L	15	381	40	18.3	240L	24	609.6	64	18.3	330L	33	838.2	88	18.3	480L	48	1219.2	128	18.3
165L	16.5	419.1	44	18.3	255L	25.5	647.7	68	18.3	345L	34.5	876.3	92	18.3	510L	51	1295.4	136	18.3
187L	18.7	475	50	18.3	270L	27	685.8	72	18.3	367L	36.7	932.18	98	18.3	540L	54	1371.6	144	18.3
203L	20.3	515.6	54	18.3	285L	28.5	723.9	76	18.3	390L	39	990.6	104	18.3	600L	60	1524	160	18.3
210L	21	533.4	56	18.3	300L	30	762	80	18.3	420L	42	1066.8	112	18.3					
225L	22.5	571.5	60	18.3	322L	32.2	817.88	86	18.3	450L	45	1143	120	18.3					

X'ACT CLASSICAL TIMING BELTS

PIX X'ACT CLASSICAL XL SECTION

PIX Power Transmission Solutions

Useful Information

Belt Length Conversion Factors:
Tooth Pitch – 5.08
Tooth Height – 1.27
Belt Thickness – 2.3

Manufacturing Range FROM:
- 4.4 TO 212.8 INCHES

Nominal Length (How the belt reference is arrived at)
Pitch Length (Lp) in inches X 10

Belt weight per metre (kg): 1.16

XL Classical Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (Inch)	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width (inch)
100XL	10.0	254.0	50	18.3	150XL	15.0	381.0	75	18.3	210XL	21.0	533.4	105	18.3	280XL	28.0	711.2	140	18.3
120XL	12.0	304.8	60	18.3	160XL	16.0	406.4	80	18.3	220XL	22.0	558.8	110	18.3	300XL	30.0	762.0	150	18.3
128XL	12.8	325.1	64	18.3	170XL	17.0	431.8	85	18.3	230XL	23.0	584.2	115	18.3	320XL	32.0	812.8	160	18.3
130XL	13.0	330.2	65	18.3	180XL	18.0	457.2	90	18.3	240XL	24.0	609.6	120	18.3	330XL	33.0	838.2	165	18.3
140XL	14.0	355.6	70	18.3	190XL	19.0	482.6	95	18.3	260XL	26.0	660.4	130	18.3	412XL	41.2	1046.5	206	18.3
142XL	14.2	360.7	71	18.3	200XL	20.0	508.0	100	18.3	270XL	27.0	685.8	135	18.3	450XL	45.0	1143.0	225	18.3

Other sizes available to special order – please speak to our sales team for a quotation.

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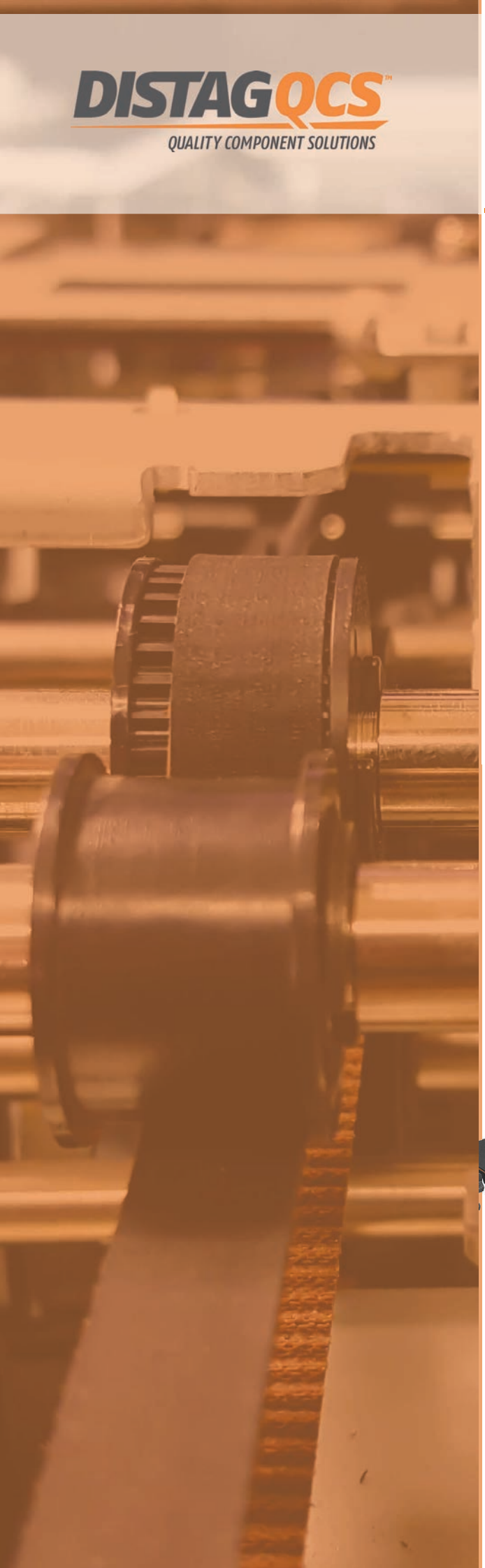


TORQUE PLUS-XT2 HIGH-POWER TIMING BELTS

FEATURES

- 50% to 70% enhancement in power-rating over PIX-X'act® HTD/STD Belts.
- Higher angular speed, resistance to loads and low noise.
- Increased operational efficiency up to 98%.
- Optimum operational efficiency and augmented Belt life.
- Lower operational cost.
- Anti-static properties as per ISO 9563.
- Oil & heat resistance.
- Temperature resistance up to 100°C

CONSTRUCTIONAL DETAILS

1. Specially designed flexible neoprene compound offers high resistance to fatigue and adverse environmental conditions.
2. Fibreglass cords for enhanced stability against dynamic load conditions, high resistance to elongation, offers excellent flex life and high tensile strength.
3. High modulus teeth rubber for superior power transmission and high resistance to oil and heat.
4. Specially woven fabric resistant to heat and abrasion protects the teeth from damage.

PIX
Power Transmission Solutions
Driving growth!

PIX ARE WORLD LEADERS IN THE MANUFACTURE OF ADVANCED TECHNOLOGY BELTS

TORQUE PLUS XT2
HIGH-POWER TIMING BELTS

HTD 3M

Useful Information

Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 3
Tooth Height – 1.17
Belt Thickness – 2.4

Manufacturing Range FROM:
- 60 TO 6804 MM

Belt weight per metre (kg): 1.24

Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

HTD 3M Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
159 3M	6.26	159	53	450	270 3M	10.63	270	90	450	384 3M	15.12	384	128	450	600 3M	23.62	600	200	450
177 3M	6.97	177	59	450	300 3M	11.81	300	100	450	390 3M	15.35	390	130	450	654 3M	25.75	654	218	450
204 3M	8.03	204	68	450	312 3M	12.28	312	104	450	423 3M	16.65	423	141	450	804 3M	31.65	804	268	450
225 3M	8.86	225	75	450	324 3M	12.76	324	108	450	474 3M	18.66	474	158	450					
252 3M	9.92	252	84	450	333 3M	13.11	333	111	450	513 3M	20.20	513	171	450					
255 3M	10.04	255	85	450	357 3M	14.06	357	119	450	570 3M	22.44	570	190	450					

Other sizes available to special order – please speak to our sales team for a quotation.

TP2 – 5M

Useful Information

Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 5
Tooth Height – 2.06
Belt Thickness – 3.8

Manufacturing Range FROM:
- 1.8 TO 3750 MM

Belt weight per metre (kg): 1.84

Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

HTD 5M Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
295 5M	11.61	295	59	465	535 5M	21.06	535	107	465	740 5M	29.13	740	148	465	980 5M	38.58	980	196	465
300 5M	11.81	300	60	465	540 5M	21.26	540	108	465	750 5M	29.53	750	150	465	1000 5M	39.37	1000	200	465
320 5M	12.60	320	64	465	550 5M	21.65	550	110	465	800 5M	31.50	800	160	465	1050 5M	41.34	1050	210	465
330 5M	12.99	330	66	465	565 5M	22.24	565	113	465	835 5M	32.87	835	167	465	1100 5M	43.31	1100	220	465
340 5M	13.39	340	68	465	600 5M	23.62	600	120	465	850 5M	33.46	850	170	465	1125 5M	44.29	1125	225	465
350 5M	13.78	350	70	465	615 5M	24.21	615	123	465	860 5M	33.86	860	172	465	1200 5M	47.24	1200	240	465
375 5M	14.76	375	75	465	635 5M	25.00	635	127	465	870 5M	34.25	870	174	465	1270 5M	50.00	1270	254	465
400 5M	15.75	400	80	465	640 5M	25.20	640	128	465	890 5M	35.04	890	178	465	1350 5M	53.15	1350	270	465
425 5M	16.73	425	85	465	665 5M	26.18	665	133	465	895 5M	35.24	895	179	465	1500 5M	59.06	1500	300	465
450 5M	17.72	450	90	465	670 5M	26.38	670	134	465	900 5M	35.43	900	180	465	1595 5M	62.80	1595	319	465
475 5M	18.70	475	95	465	695 5M	27.36	695	139	465	925 5M	36.42	925	185	465	1800 5M	70.87	1800	360	465
500 5M	19.69	500	100	465	700 5M	27.56	700	140	465	935 5M	36.81	935	187	465	1870 5M	73.62	1870	374	465
525 5M	20.67	525	105	465	710 5M	27.95	710	142	465	950 5M	37.40	950	190	465					

TP2-8M

PIX Power Transmission Solutions

Useful Information

Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 8
Tooth Height – 3.48
Belt Thickness – 6

Manufacturing Range FROM:
- 184 TO 6880 MM

Belt weight per metre (kg): 2.86

Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

HTD 8M Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
424 8M	16.7	424	53	460	856 8M	33.7	856	107	460	1256 8M	49.4	1256	157	460	1880 8M	74.0	1880	235	460
480 8M	18.9	480	60	460	880 8M	34.6	880	110	460	1280 8M	50.4	1280	160	460	1896 8M	74.6	1896	237	460
512 8M	20.2	512	64	460	920 8M	36.2	920	115	460	1352 8M	53.2	1352	169	460	1904 8M	75.0	1904	238	460
520 8M	20.5	520	65	460	960 8M	37.8	960	120	460	1360 8M	53.5	1360	170	460	2000 8M	78.7	2000	250	460
560 8M	22.0	560	70	460	968 8M	38.1	968	121	460	1400 8M	55.1	1400	175	460	2080 8M	81.9	2080	260	460
600 8M	23.6	600	75	460	1000 8M	39.4	1000	125	460	1424 8M	56.1	1424	178	460	2248 8M	88.5	2248	281	460
640 8M	25.2	640	80	460	1040 8M	40.9	1040	130	460	1440 8M	56.7	1440	180	460	2272 8M	89.4	2272	284	460
656 8M	25.8	656	82	460	1056 8M	41.6	1056	132	460	1520 8M	59.8	1520	190	460	2400 8M	94.5	2400	300	460
720 8M	28.3	720	90	460	1080 8M	42.5	1080	135	460	1584 8M	62.4	1584	198	460	2600 8M	102.4	2600	325	460
728 8M	28.7	728	91	460	1120 8M	44.1	1120	140	460	1600 8M	63.0	1600	200	460	800 8M	31.5	800	100	460
760 8M	29.9	760	95	460	1160 8M	45.7	1160	145	460	1624 8M	63.9	1624	203	460	3200 8M	126.0	3200	400	460
776 8M	30.6	776	97	460	1200 8M	47.2	1200	150	460	1696 8M	66.8	1696	212	460	3280 8M	129.1	3280	410	460
800 8M	31.5	800	100	460	1224 8M	48.2	1224	153	460	1760 8M	69.3	1760	220	460	3600 8M	141.7	3600	450	460
840 8M	33.1	840	105	460	1248 8M	49.1	1248	156	460	1800 8M	70.9	1800	225	460					

TP2-14M

PIX Power Transmission Solutions

Useful Information

Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 14
Tooth Height – 6.02
Belt Thickness – 10

Manufacturing Range FROM:
- TO MM

Belt weight per metre (kg): 4.64

Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

HTD 14M Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
966 14M	38.0	966	69	420	1610 14M	63.4	1610	115	420	2240 14M	88.2	2240	160	420	3360 14M	132.3	3360	240	420
1120 14M	44.1	1120	80	420	1750 14M	68.9	1750	125	420	2310 14M	90.9	2310	165	420	3500 14M	137.8	3500	250	420
1190 14M	46.9	1190	85	420	1778 14M	70.0	1778	127	420	2450 14M	96.5	2450	175	420	3850 14M	151.6	3850	275	420
1260 14M	49.6	1260	90	420	1890 14M	74.4	1890	135	420	2590 14M	102.0	2590	185	420	3360 14M	132.3	3360	240	420
1400 14M	55.1	1400	100	420	1960 14M	77.2	1960	140	420	2800 14M	110.2	2800	200	420	3500 14M	137.8	3500	250	420
1512 14M	59.5	1512	108	420	2100 14M	82.7	2100	150	420	3150 14M	124.0	3150	225	420	3850 14M	151.6	3850	275	420

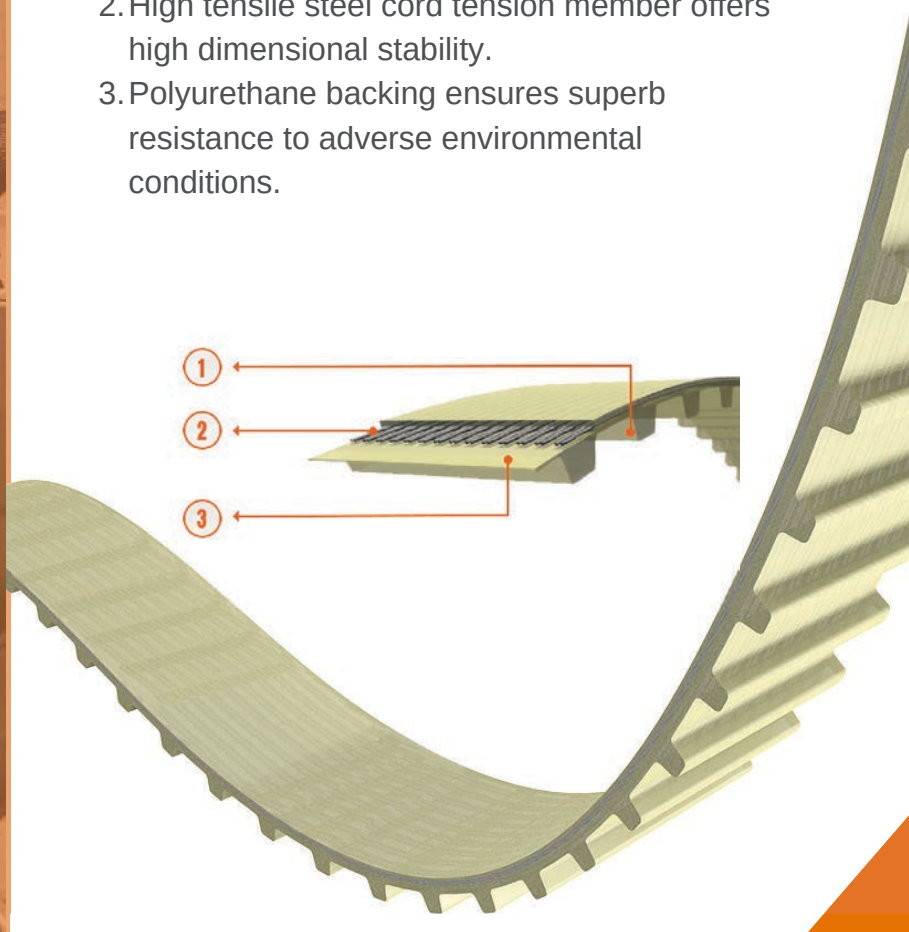
POLYURETHANE METRIC TIMING BELTS

FEATURES

- Highly flexible with longitudinal toughness to ensure perfect tooth meshing.
- No dust-generation or flaking, while in operation.
- Superior wear and abrasion resistance.
- High resistance to oil and grease.
- Excellent resistance to ageing, UV and ozone.
- Low vibrations and reduced noise levels.
- Operating temperature range: -30°C to +80°C (up to +110°C for a short period)

CONSTRUCTIONAL DETAILS

1. Polyurethane Teeth offers low noise and wear resistance.
2. High tensile steel cord tension member offers high dimensional stability.
3. Polyurethane backing ensures superb resistance to adverse environmental conditions.

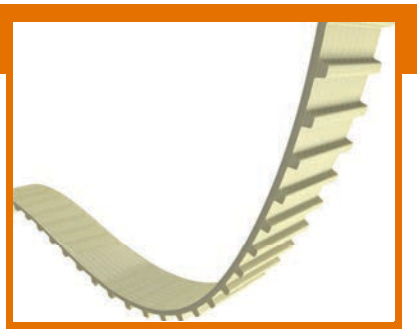


POLYURETHANE METRIC TIMING BELTS

FLEXEDRIVE

PU T2.5

Useful Information



Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 2.5
Tooth Height – 0.7
Belt Thickness – 1.3

Manufacturing Range FROM:
- 60mm to 6804mm

Belt weight per metre (kg): 0.84

Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

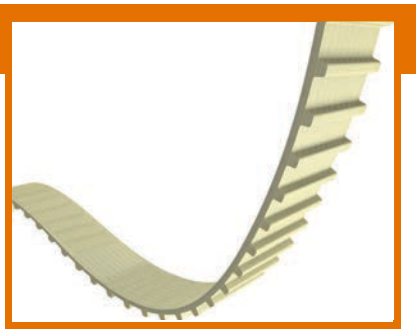
PU T2.5 Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
T2.5 145	5.7	145	58	240	T2.5 200	7.9	200	80	300	T2.5 245	245	98	300	300	T2.5 285	11.2	285	114	300
T2.5 160	6.3	160	64	240	T2.5 230	9.1	230	92	300	T2.5 265	265	106	300	300	T2.5 290	11.4	290	116	300

FLEXEDRIVE

PU T5

Useful Information



Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 5
Tooth Height – 1.2
Belt Thickness – 2.2

Manufacturing Range FROM:
- 120mm to 1955mm

Belt weight per metre (kg): 0.984

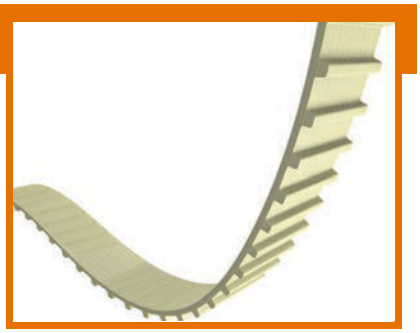
Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

PU T5 Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
T5 185	7.3	185	37	300	T5 255	10.0	255	51	300	T5 330	13.0	330	66	300	T5 455	17.9	455	91	300
T5 200	7.9	200	40	300	T5 260	10.2	260	52	300	T5 340	13.4	340	68	300	T5 460	18.1	460	92	300
T5 210	8.3	210	42	300	T5 270	10.6	270	54	300	T5 355	14.0	355	71	300	T5 480	18.9	480	96	300
T5 215	8.5	215	43	300	T5 280	11.0	280	56	300	T5 365	14.4	365	73	300	T5 500	19.7	500	100	300
T5 220	8.7	220	44	300	T5 295	11.6	295	59	300	T5 390	15.4	390	78	300	T5 575	22.6	575	115	300
T5 225	8.9	225	45	300	T5 305	12.0	305	61	300	T5 400	15.7	400	80	300	T5 610	24.0	610	122	300
T5 245	9.6	245	49	300	T5 330	13.0	13.0	330	66	T5 410	16.1	410	82	300					
T5 250	9.8	250	50	300	T5 340	13.4	13.4	340	68	T5 420	16.5	420	84	300					

POLYURETHANE METRIC TIMING BELTS

PU T10



Useful Information

Maximum recommended belt speed 30m/sec

Belt Length Conversion Factors:
Tooth Pitch – 10
Tooth Height – 2.5
Belt Thickness – 4.5

Manufacturing Range FROM:
- 260mm to 2250mm

Belt weight per metre (kg): 1.52

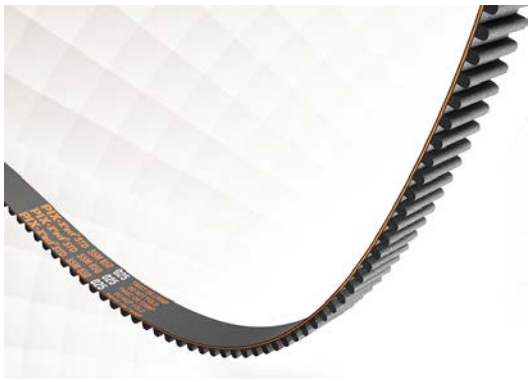
Nominal Length (How the belt reference is arrived at)
Pitch Length in MM

PU T10 Specification

Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width	Belt Ref	Pitch Length (inch)	Pitch Length (mm)	No of teeth	Sleeve Width
T10 260	10.2	260	26	300	T10 560	22.0	560	56	300	T10 700	27.6	700	70	300	T10 880	34.6	880	88	300
T10 370	14.6	370	37	300	T10 600	23.6	600	60	300	T10 720	28.3	720	72	300	T10 890	35.0	890	89	300
T10 410	16.1	410	41	300	T10 610	24.0	610	61	300	T10 750	29.5	750	75	300	T10 920	36.2	920	92	300
T10 440	17.3	440	44	300	T10 630	29.5	24.8	630	63	T10 780	30.7	780	78	300	T10 960	37.8	960	96	300
T10 500	19.7	500	50	300	T10 660	30.7	26.0	660	66	T10 810	31.9	720	81	300	T10 1460	57.5	1460	146	300
T10 530	20.9	530	53	300	T10 690	31.9	27.2	690	69	T10 840	33.1	750	84	300					

SPECIAL TIMING BELTS

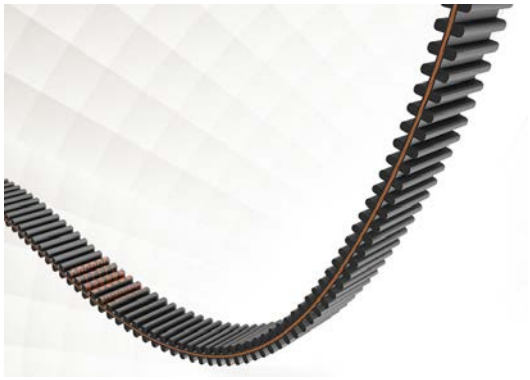
X'ACT STD
STD (SUPER TORQUE DRIVE) PROFILE TIMING BELTS



STD (Super Torque Drive) Profile Timing Belts

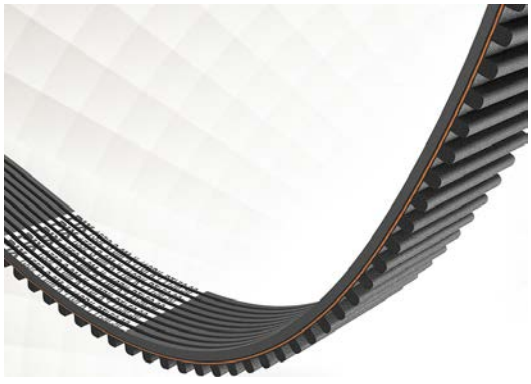
STD belts have a modified tooth profile which gives a more positive engagement with the pulleys. This results in the forces being distributed more evenly throughout the tooth, giving longer belt life, and reducing the likelihood of teeth shearing off.STD belts are available in S2M, S3M, S5M, S8M and S14M profiles.

DUO-XT
DOUBLE-SIDED TIMING BELTS



Now used extensively in textile units, printing and packaging machines; but the most common application would be for mower decks.
See DS Timing Belts in Lawn & Garden section for more details.

BRAWN-XT
HYBRID POLY-TIMING BELTS



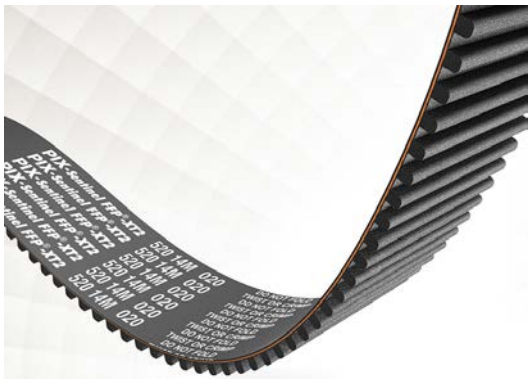
Brawn-XT was primarily developed for the milling industry, and it is regularly found in flour and rice mills.

The belt is a double-sided drive belt, having timing belt teeth on one side and Poly-V ribs on the other. To bolster the tensile strength for this application, the belts are Aramid-corded and made with specific heat and abrasion-resistant compounds. Working temperature is from -35°C to +130°C.
Ribbed profiles available – PK and PL.
Timing profiles available – 5M, 8M, S8M

SPECIAL TIMING BELTS

SENTINEL FFP-XT2

HIGH-POWER, HARSH ENVIRONMENT, TIMING BELT



Known in the industry as a Fin-Fan belt, Sentinel was developed to power Air-Cooled Heat Exchangers (ACHEs) – always regarded as one of the harshest environments for synchronous belt to operate in.

As well as having a higher power transmission capacity and higher tensile strength, these belts has impressive abrasion-resistant qualities.

TOPCOAT-XT

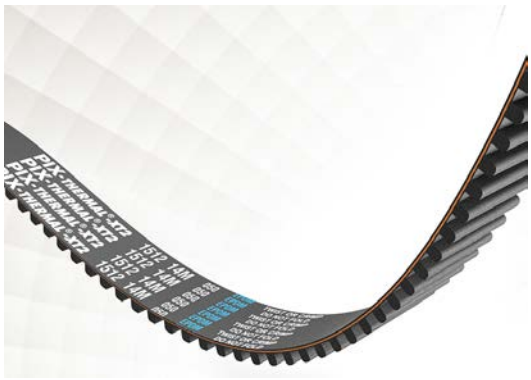
PACKAGING MACHINERY TIMING BELTS

TopCoat XT is constructed with a timing belt drive component backed with a profile top made of application-specific rubber.
The topcoat selection is based on the temperature and Shore hardness required and can be 4, 6, 8, or 10mm tick. The timing belt drive member is vulcanised with the top coat as a single piece and is available in L, H, 5M, S5M, 8M, S8M profiles.

The profile top is used to grip and cushion various material in conveying and packaging processes. Typically found in vertical form fill seal (VFFS) machines, ceramics industry, packaging lines etc.

THERMAL-XT2

HIGH-POWER, HIGH TEMPERATURE, TIMING BELTS



As well as having an extreme working temperature range, up to 130°C, Thermal-XT2 has a higher power transmission capacity compared to TorquePlus-XT2. It will run at higher angular speeds, is resistant to Ozone, and has very low noise characteristics.These belts are available in 5M, S5M, 8M, S8M, and 14M sections

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