



ELATECH[®] Polyurethane Belts

Featuring iSync and custom solutions
for truly endless possibilities

iSync Polyurethane Belts

Innovative and truly endless

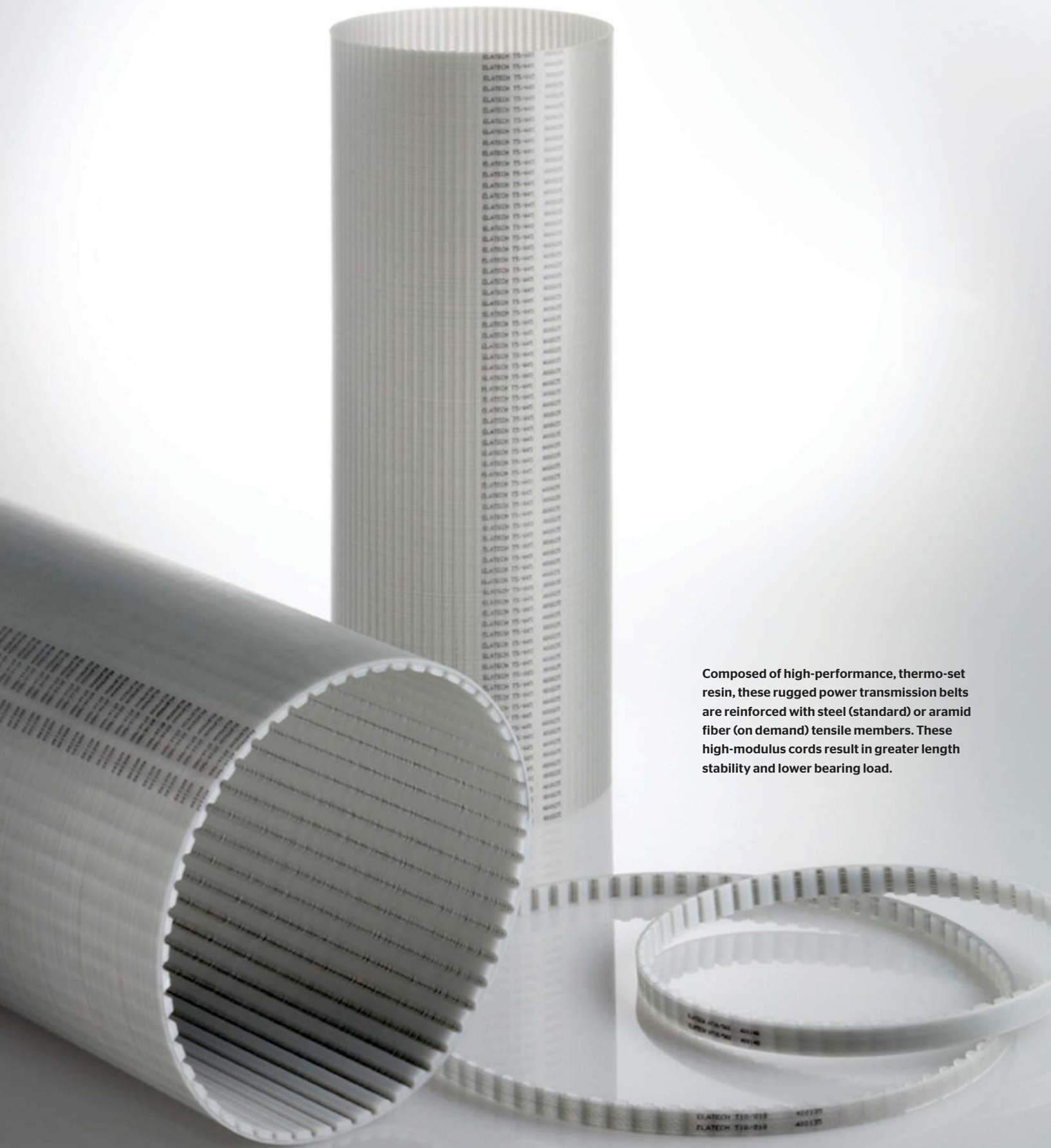
ELATECH® iSync polyurethane belts are now available from your Distributor, offering endless possibilities and innovative solutions for your power transmission needs.

Features

- › High power-transmission capabilities
- › Maintenance-free
- › Superior length stability
- › Very high chemical resistance (particularly to oils, grease and gasoline)
- › Superior abrasion resistance
- › Available with steel or aramid reinforcement
- › Application temperature of -30°C to 100°C (-22°F to 212°F)

Applications

- › Power transmission drives for difficult environments where high precision is needed and cleanliness is critical, as well as heavy-duty conveying drives with special backing or cleats.



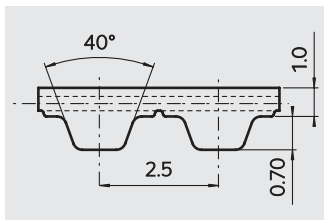
Composed of high-performance, thermo-set resin, these rugged power transmission belts are reinforced with steel (standard) or aramid fiber (on demand) tensile members. These high-modulus cords result in greater length stability and lower bearing load.

Ready to Meet Your Needs

Whatever size you need, we can cut and ship ELATECH® iSync – usually within 24 hours

ELATECH® iSync belts are available in a standard range of lengths in the following profiles: T5, T10, AT5 and AT10 (T2.5 available soon). MXL, HTD5M and DD (double-sided) can be manufactured on demand.

Special widths can be cut on request from our sleeve stock.



T2.5

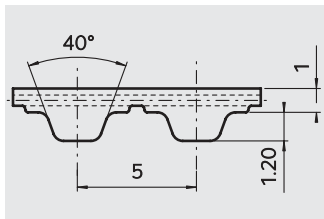
Belt Width [mm]

4 6 8 10 12

T2.5

Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number Of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]
48	120	92	230	127	317.5	200	500
58	145	98	245	132	330	216	540
64	160	106	265	152	380	240	600
71	177.5	114	285	168	420	260	650
72	180	116	290	192	480	380	950
80	200	122	305	*	*	*	*

*Contact customer service for availability



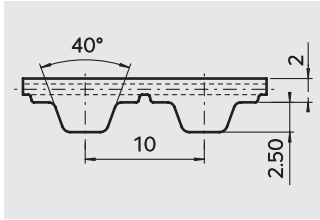
T5

Belt Width [mm]

4 6 8 10 12 16 20 25 32

T5

Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number Of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]
33	165	70	350	105	525	156	780
37	185	71	355	109	545	160	800
40	200	72	360	110	550	163	815
43	215	73	365	112	560	168	840
44	220	75	375	115	575	170	850
45	225	78	390	118	590	172	860
49	245	80	400	120	600	180	900
50	250	82	410	122	610	188	940
51	255	84	420	124	620	198	990
52	260	85	425	125	625	200	1000
54	270	86	430	126	630	215	1075
55	275	88	440	128	640	220	1100
56	280	89	445	130	650	223	1115
59	295	90	450	132	660	228	1140
60	300	91	455	135	675	240	1200
61	305	92	460	138	690	243	1215
64	320	95	475	140	700	263	1315
65	325	96	480	144	720	270	1350
66	330	100	500	145	725	276	1380
68	340	102	510	150	750	288	1440



T10

Belt Width [mm]

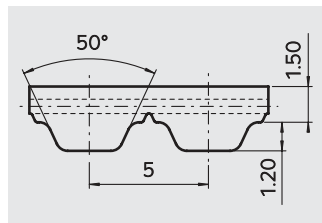
10 12 16 20 25 32 50

T10

Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]
26	260	56	560	81	810	100	1000	125	1250	156	1560
32	320	60	600	84	840	101	1010	130	1300	160	1600
35	350	61	610	85	850	105	1050	132	1320	161	1610
37	370	63	630	88	880	108	1080	135	1350	170	1700
40	400	65	650	89	890	110	1100	139	1390	175	1750
41	410	66	660	90	900	111	1110	140	1400	178	1780
44	440	69	690	91	910	114	1140	142	1420	180	1800
45	450	70	700	92	920	115	1150	144	1440	188	1880
50	500	72	720	95	950	120	1200	145	1450	196	1960
53	530	75	750	96	960	121	1210	146	1460	225	2250
55	550	80	800	98	980	124	1240	150	1500		

AT5

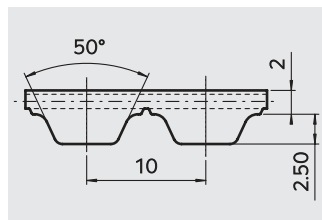
Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]
45	225	122	610
51	255	132	660
56	280	142	710
60	300	144	720
68	340	150	750
75	375	156	780
78	390	165	825
84	420	172	860
90	450	195	975
91	455	210	1050
100	500	225	1125
109	545	300	1500
120	600		



AT5

Belt Width [mm]

10 16 20 25



AT10

Belt Width [mm]

16 25 32 50

AT10

Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]	Number of Teeth Z	Length [mm]
50	500	96	960	132	1320
53	530	98	980	135	1350
56	560	100	1000	136	1360
60	600	101	1010	140	1400
61	610	105	1050	142	1420
66	660	108	1080	148	1480
70	700	110	1100	150	1500
73	730	115	1150	160	1600
78	780	120	1200	170	1700
80	800	121	1210	172	1720
84	840	125	1250	180	1800
89	890	128	1280	186	1860
92	920	130	1300	194	1940

For more information or to place your order, contact your Distributor today.

Customized Solutions

One Source

Our full line of ELATECH® polyurethane belts is available in a broad range of popular timing belt pitches and a variety of application-specific backings, including fabric, film, foam, PVC, rubber and specialty compounds.

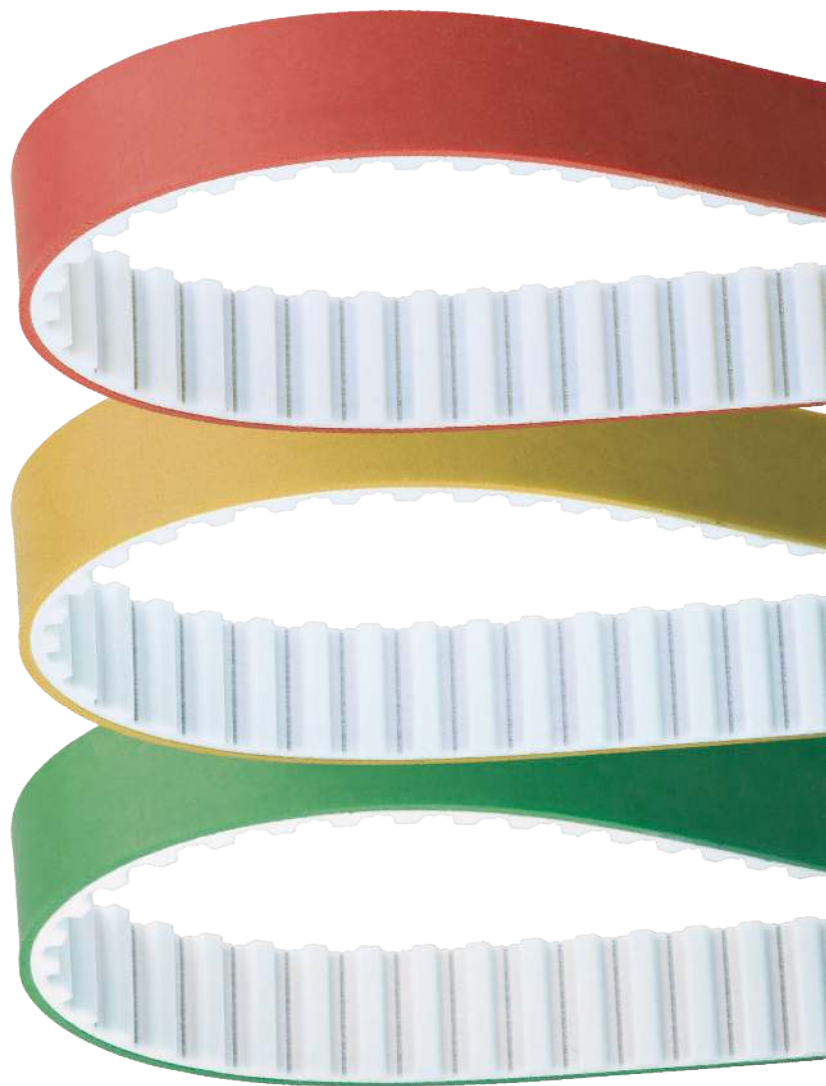
When you source ELATECH® polyurethane belts through your Distributor, you will benefit from our extensive industry knowledge in matching belt to application. You will also have access to our functional part numbering system, allowing for easy conversion from existing specifications and nomenclature.

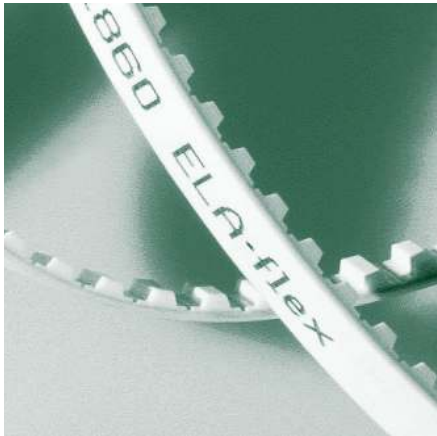
Construction

Each high-efficiency, maintenance-free ELATECH® belt is manufactured in thermoplastic polyurethane and high-tensile strength steel cords to deliver:

- › Exceptional wear resistance
- › Excellent dimensional stability
- › Low pretension and shaft load
- › High linear and angular positioning precision

A special polyamide fabric on the tooth (on request) reduces the coefficient of friction, improves tooth engagement and reduces noise.





Endless ELA-flex SD™

ELA-flex SD™
Endless

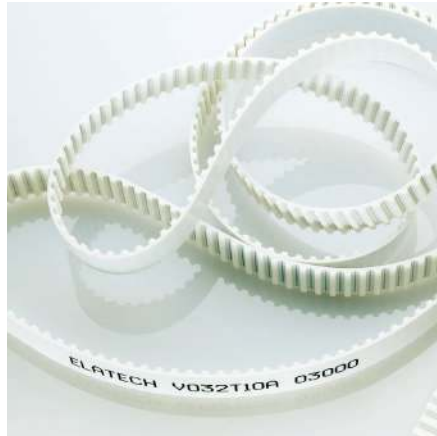
Truly endless belts constructed with high-strength steel tension cords and high-abrasion-resistance polyurethane. Ideal for high-speed power transmission and high-load conveying applications.

Features:

- › Dual-sided construction available on request
- › Length range: 1,500 to 22,000mm

Profiles:

- › T, AT, ATL, HTD, STD (metric)
- › XL, L, H, XH (inch)



Spliced ELATECH® V

ELATECH® V
Spliced

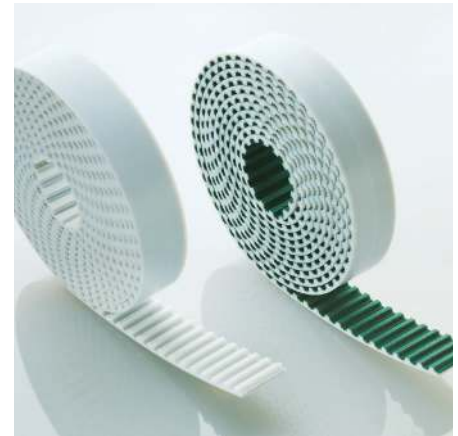
Highly flexible spliced belts with unique precision positioning. Ideal for all conveying applications where synchronization is required.

Features:

- › Antistatic construction available on request*
- › Length range: 800mm to unlimited

Profiles:

- › T, AT, ATL, HTD, STD (metric)
- › XL, L, H, XH (inch)
- › TK & ATK (self-tracking)



Open End ELATECH® M

ELATECH® M
Open End

Open-ended belts with excellent precision and dimensional stability, in addition to high abrasion resistance. Ideal for linear-motion applications.

Features:

- › Antistatic construction available on request*
- › Length range: up to 100m (longer available on request)

Profiles:

- › T, AT, ATL, HTD, STD (metric)
- › XL, L, H, XH (inch)
- › TK & ATK (self-tracking)

*For more information on our power transmission products, call 1-800-235-4632 or visit www.contitech.us.

ContiTech



Contact

ContiTech AG
NAFTA Headquarters
703 S. Cleveland Massillon Road
Fairlawn, OH 44333-3023 U.S.A.
1-800-235-4632

Canada

1-888-275-4397
FAX 1-888-464-4397

Mexico

1-800-439-7373
FAX 1-800-062-0918

Germany

+49 (0)511 938 02
mailservice@contitech.de

www.contitech.us

ContiTech. Engineering Next Level

As a division of the Continental Group, ContiTech is a recognized innovation and technology leader in natural rubber and plastics. As an industry partner with a firm future ahead of us, we engineer solutions both with and for our customers around the world. Our bespoke solutions are specially tailored to meet the needs of the market. With extensive expertise in materials and processes, we are able to develop cutting-edge technologies while ensuring we make responsible use of resources. We are quick to respond to important technological trends, such as function integration, lightweight engineering and the reduction of complexity, and offer a range of relevant products and services. That way, when you need us, you'll find we're already there.

Drive conditions and service variables in combination with time in operation can result in loss of static conductivity. It is recommended that a conductivity check be added to drive prevention maintenance programs where belt static conductivity is a requirement.