



IMC 1994

INDUSTRIAL

CATALOG



ABOUT US

บริษัทฯ ก่อตั้งเมื่อปี 2537 ภายใต้ชื่อ บริษัท อินเตอร์พาร์ต แอนด์ แมชชีนเนอร์รี่ จำกัด เป็นตัวแทนจำหน่ายสายพานส่งกำลัง ฤกษ์ลมอุตสาหกรรม ฤกษ์ลมรถไฟ ยี่ห้อ Continental/ContiTech

โดยในปี 2553 ขยายทุนจดทะเบียนเป็น 45,000,000 บาท และมีการเพิ่มไลน์สินค้า เพื่อรองรับการเติบโตอย่างต่อเนื่อง ตลอดเวลา 30 ปี เราใช้ปรัชญาการดำเนินธุรกิจคือ

1. คัดเลือกสินค้าที่ได้มาตรฐานและมีคุณภาพที่ดีสามารถให้ความมั่นใจกับลูกค้าได้
2. ยึดถือหลักคุณธรรมและความซื่อสัตย์อย่างเสมอมาทั้งกับลูกค้าและคู่ค้าทั้งในและต่างประเทศ

ในปี 2563 บริษัทฯ ได้เปลี่ยนชื่อมาเป็น ไอเอ็มซี 1994 เพื่อแสดงถึงแนวทางการทำธุรกิจ ที่เพิ่มความคล่องแคล่วและรวดเร็ว และพร้อมเดินทางไปกับโลกดิจิทัลในยุคสมัยปัจจุบันและอนาคต

PRODUCTS

ธุรกิจอุตสาหกรรม

สำหรับเครื่องจักร

V-Belt, Timing Belt, สายพานลำเลียง, สายพานพียูไทม์มิ่ง (PU Timing Belts) สายพานกลม (Round Belts) สายพานแบน (Flat Belts) ฤกษ์ลมอุตสาหกรรม (Airspring) และสินค้ายางรองแทนเครื่อง ยางกันสั่นสะเทือน (Anti Vibration Solution)

สำหรับรถไฟลอยฟ้า รถไฟฟ้าใต้ดิน

อะไหล่ rolling stock and components

ธุรกิจยานยนต์

สายพานหน้าเครื่อง สายพานราวลิ้น หรือ สายพานไทม์มิ่งพร้อมลูกรอก ไล้กรองน้ำมันเครื่อง ไล้กรองโซลาร์ ปีม่าน วาล์วน้ำ น้ำยาหม้อน้ำ ผ้าเบรก น้ำมันเบรก จาระบี ลูกยางเบรก และอะไหล่รถยนต์คุณภาพมาตรฐานระดับโลกจากหลากหลายแบรนด์ชั้นนำ

ทั้งนี้เรายังมีแบรนด์ของบริษัทที่ได้รับการจดทะเบียนอย่างเป็นทางการภายใต้ยี่ห้อ IMC และ NWP



OUR PRODUCTS



AirSpring



Anti-Vibration



Special Belt



Pu Round & V-Belt



Pu Timing Belt



Rubber timing Belt



Rubber V- Belt



CONTINENTAL CONTITECH

Rubber V-Belt

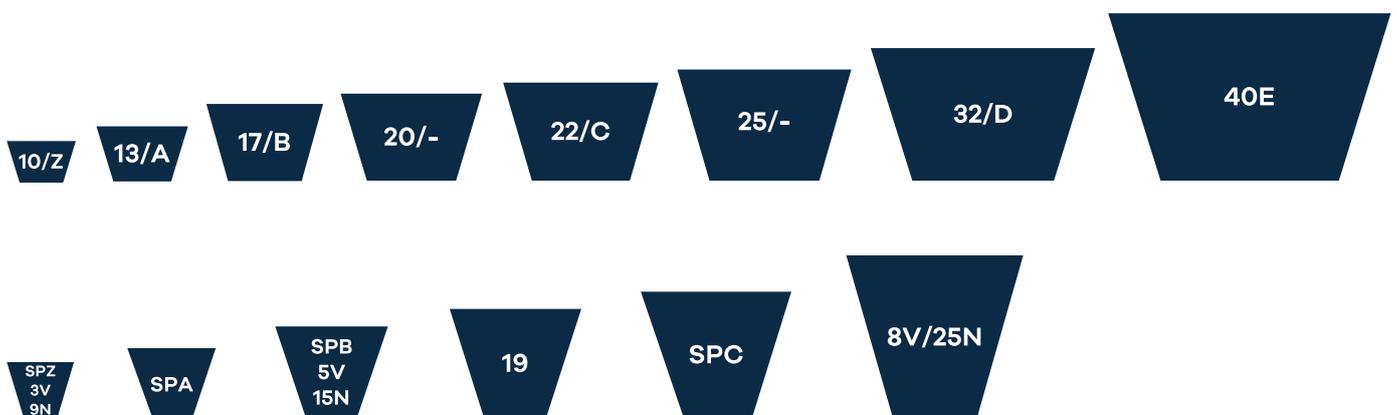
CONTI®V WRAPPED V-BELTS
 Wrapped classical-section
 V-belts to DIN 2215 and
 Wrapped narrow-section
 V-belts to DIN 7753
 for demanding drives in every
 mechanical engineering field.



PROPERTIES

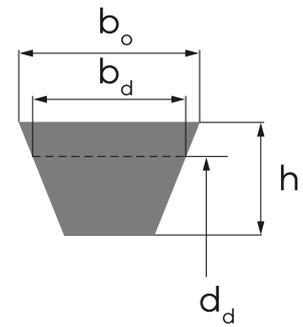
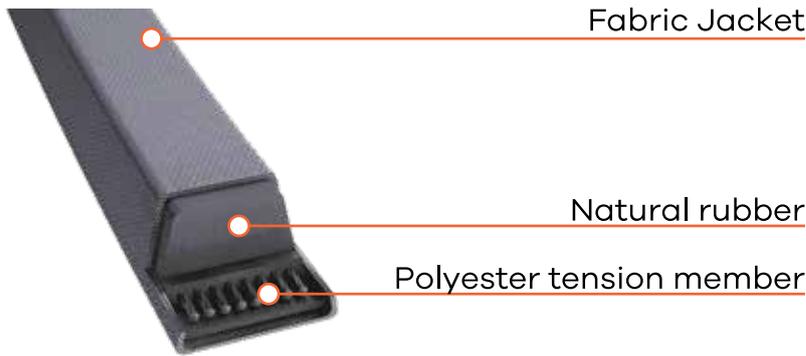
- moderately oil-resistant
- suitable for tropical climates
- unaffected by dust
- temperature-resistant from -55 °C to +70 °C
- electrically conductive to ISO 1813
- matched-set L=L (from 1,000 mm)

All sections at a glance



Wrapped classical-section V-belts to DIN 2215

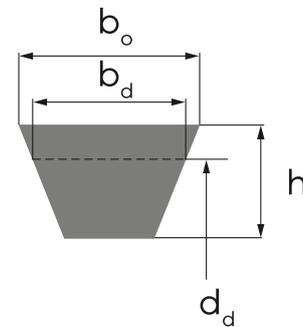
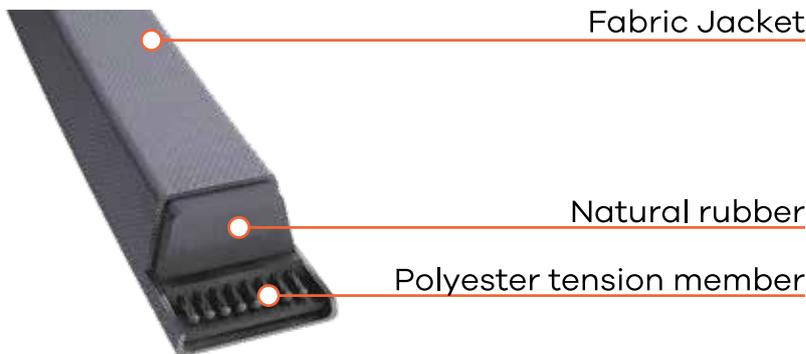
Classic



Section		10/Z	13/A	17/B	20/-	22/C	25/-	32/D	40/E
Top belt width	$b_o \approx$ (mm)	10	13	17	20	22	25	32	40
Belt height	$h \approx$ (mm)	6	8	11	12.5	14	16	20	25
Pitch width	b_d (mm)	8.5	11	14	17	19	21	27	32
Length ranges	L_d (mm)	468- 2523	487- 6335	629- 12034	950- 8050	1100- 10727	1362- 9062	2076- 12576	4093- 12593
Minimum pulley diameter	$d_d \text{ min}$ (mm)	45	71	112	140	180	224	315	450

Wrapped narrow-section V-belts to DIN 7753

Narrow



Section		SPZ/3V/9N	SPA	SPB/5V/15N	19	SPC	8V/25N
Top belt width	$b_o \approx$ (mm)	9.7	12.7	16.3	19	22	25.4
Belt height	$h \approx$ (mm)	8	10	13	15.7	18	23.1
Pitch width	b_d (mm)	8.5	11	14	15	19	25.4
Length ranges	L_d (mm)	512- 3750	732- 6000	1250- 9000	1400- 4475	2000- 16500	4318- 12700
Minimum pulley diameter	$d_d \text{ min}$ (mm)	63	90	140	224	224	315

*Also available in Advanced Performance & High Performance

CONTI®V RAW-EDGE V-BELTS

Raw-edge classical-section

V-belts to DIN 2215 and

Raw-edge Narrow-section

V-belt to DIN 7753 for

demanding drives.

The molded teeth ensure

high flexibility, good adaptation

to the pulley grooves and

low operating temperatures.

This significantly

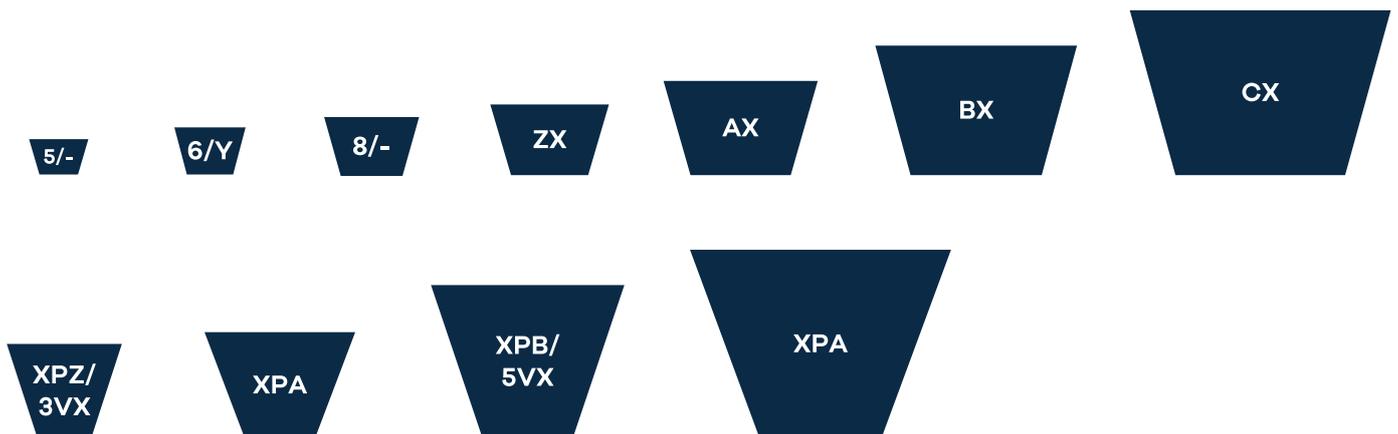
extends the belt life.



PROPERTIES

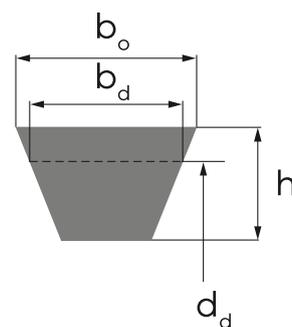
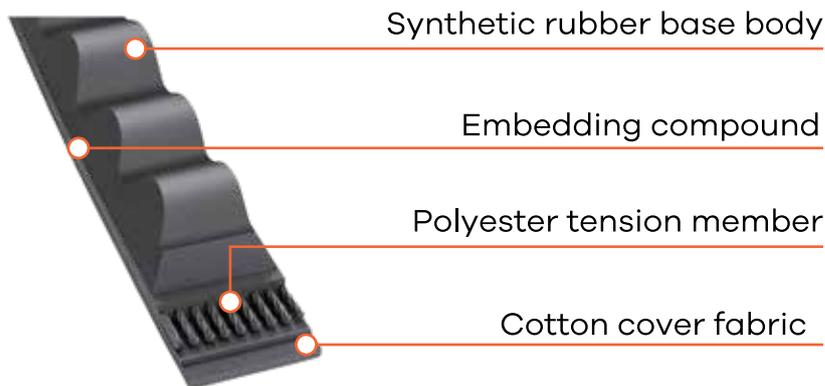
- very good Flexibility thanks to molded teeth
- moderately oil-resistant
- suitable for tropical climates
- unaffected by dust
- temperature-resistant from -30 °C to +70 °C
- electrically conductive to ISO 1813
(above length of 3,500 mm conductivity test required)
- matched-set L=L (from 1,000 mm)

All sections at a glance



Raw-edge classical-section V-belts to DIN 2215

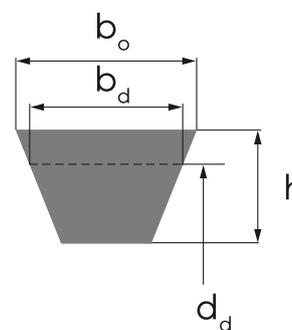
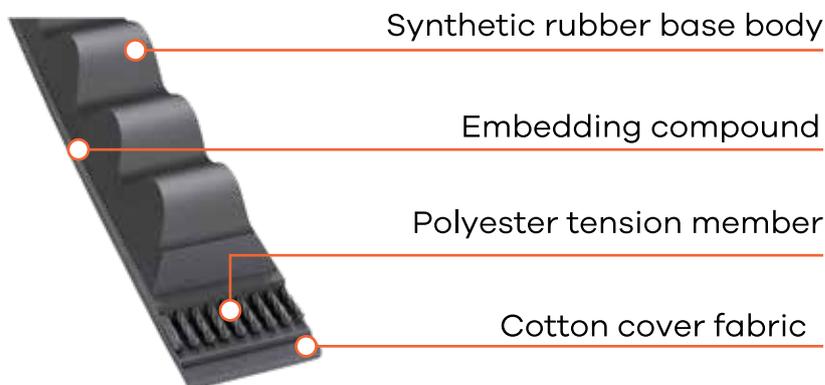
Classic



Section		ZX	AX	BX	CX
Top belt width	$b_o \approx$ (mm)	10	13	17	22
Belt height	$h \approx$ (mm)	6	8	11	14
Pitch width	b_d (mm)	8.5	11	14	19
Length ranges	L_d (mm)	505- 2333	513- 4602	627- 4615	1056- 5018
Minimum pulley diameter	d_d min (mm)	40	63	90	140

Raw-edge narrow-section V-belts to DIN 7753

Narrow



Section		XPZ/3VX	XPA	XPB/5VX	XPC
Top belt width	$b_o \approx$ (mm)	9.7	12.7	16.3	22
Belt height	$h \approx$ (mm)	8	9	13	18
Pitch width	b_d (mm)	8.5	11	14	19
Length ranges	L_d (mm)	515- 2840	590- 2932	1000- 2900	1900- 2900
Minimum pulley diameter	d_d min (mm)	50	63	100	160

*Also available in High Performance

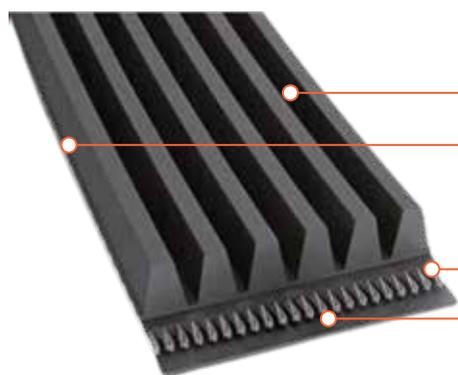
CONTI[®]V MULTIRIB

V-ribbed belts according to DIN 7867, for high gear ratios, high belt speeds, small pulley diameters and back-tension rollers



PROPERTIES

- Temperature range from -30 °C to +80 °C
- Enhanced running smoothness
- Suitable for reverse flexing/reverse tensioning idlers
- Antistatic in accordance with ISO 1813
- Conditionally resistant to oil
- Suitable for tropical climates
- Dust-proof

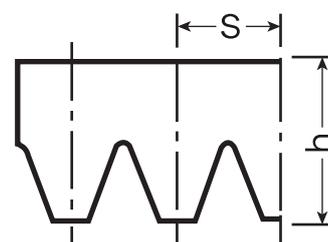


Synthetic rubber ribs

Embedding compound

Polyester tension member

Polyamide cover fabric



			PJ	PK	PL	PM
Rib pitch	s	mm	2.34	3.56	4.70	9.40
Belt height	h	mm	3.8	4.8	7.5	14.5
Reference line difference	h_b	mm	1.2	1.5	3.0	4.0
Reference length	L_b	mm	Nominal length			

PH Profile on request.

*Also available in Advanced Performance

CONTI[®]V MULTIBELT

Banded V-belts for drives with highly irregular load changes.



CONTI[®]V MULTIBELT FO

Raw-edge banded V-belts with reinforced polyester tension member for sustained high power transmission.



MULTIBELT

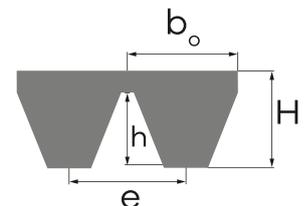


MULTIBELT FO

Section		3V (9J)	5V (15J)	8V (25J)	A/HA	B/HB	C/HC	SPZ	SPA	SPB	SPC
Top belt width	$b_o \approx$ (mm)	9	15	25	13	17	22	9.7	12.7	16.3	22.3
Belt height	$H \approx$ (mm)	10	16	25.5	11	14.3	18	11	13	16.5	22
Section height	h (mm)	8	13	23	8	11	14	9	11	13	18
Section pitch	e (mm)	10.3	17.5	28.6	15.88	19.05	25.4	12	15	19	25.5
Length ranges	L_d (mm)	1181- 3556	1702- 9017	2540- 14224	1486- 2276	1168- 6580	2575- 12220	1250- 3000	1000- 4000	1590- 7500	2650- 11200
Minimum pulley diameter	$d_d \text{ min}$ (mm)	71	160	315	85	118	190	71	100	160	265

*Also available in Advanced Performance & High Performance

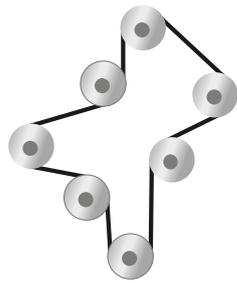
Section		3V (9J)	5V (15J)	XPZ	XPA	XPB	XPC
Top belt width	$b_o \approx$ (mm)	9	15	9.7	12.7	16.3	22.3
Belt height	$H \approx$ (mm)	10	16	11	13	16.5	22
Section height	h (mm)	8	13	9	11	13	18
Section pitch	e (mm)	10.3	17.5	12	15	19	25.5
Length ranges	L_d (mm)	1181- 3556	1702- 9017	1250- 3000	1000- 4000	1590- 7500	2560- 11200
Minimum pulley diameter	$d_d \text{ min}$ (mm)	50	100	50	60	100	160



CONTI[®]V

DUAL

Wrapped double-V-belts to DIN 7722 for demanding drives in every mechanical engineering field. For operating reverse-rotation drives.



PROPERTIES

- moderately oil-resistant
- suitable for tropical climates
- unaffected by dust
- temperature-resistant from -55°C to +70°C
- electrically conductive to ISO 1813

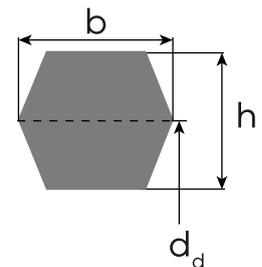
All sections at a glance



Fabric Jacket

Natural rubber

Polyester tension member



Section		AA	BB	CC
Rated width	$b_o \approx$ (mm)	13	17	22
Belt height	$h \approx$ (mm)	10	13	17
Length ranges	L_d (mm)	1956- 4191	1949- 7105	3200- 6959
Minimum pulley diameter	$d_d \text{ min}$ (mm)	80	112	200

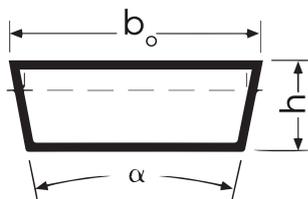
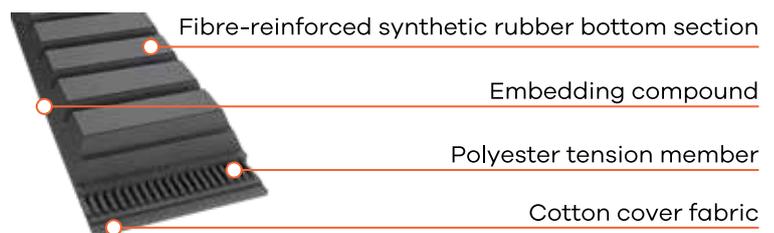
VARISPEED ADVANCE

Variable speed belts with reinforced PE tensile member for Variomatic and Variator drives



PROPERTIES

- Temperature range from -30 °C to +90 °C
- Antistatic in accordance with ISO 1813
- Conditionally resistant to oil
- Suitable for tropical climates
- Dust-proof
- Suitable for clutches



			13/6	17/6 (w 16)	21/6 (w 20)	22/8	24/8	26/8 (w 25)	28/8	30/10	32/10 (w 31.5)
Upper rib width	b_o	mm	13	17	21	22	24	26	28	30	32
Belt height	h	mm	6	6	6	8	8	8	8	10	10
Pitch width	b_w	mm	12.3	16.3	20.1	21.3	23.1	25.0	27.1	28.8	31.8
lower belt width	b_i	mm	10.2	14.2	18.0	18.3	20.3	22.0	24.3	25.4	27.0
Pitch height	h_o	mm	1.5	1.5	2.0	2.0	2.0	2.0	2.0	2.5	2.5
Flank angle		°	26	26	28	26	26	28	26	28	28

			37/10	42/12 (w 40)	47/12	52/16 (w 50)	55/16	65/20 (w 63)	70/18	82/23 (w 80)
Upper rib width	b_o	mm	37	42	47	52	55	65	70	83
Belt height	h	mm	10	12	12	16	16	20	18	23
Pitch width	b_w	mm	35.8	40.4	45.4	49.9	53.00	62.3	67.6	79.3
lower belt width	b_i	mm	32.0	36.0	41.0	43.4	47.0	54.3	60.4	69.8
Pitch height	h_o	mm	25.0	3.00	3.00	4.00	4.00	5.00	5.50	6.25
Flank angle		°	28	28	28	30	28	30	30	32

*Also available in High Performance

CONTINENTAL CONTITECH



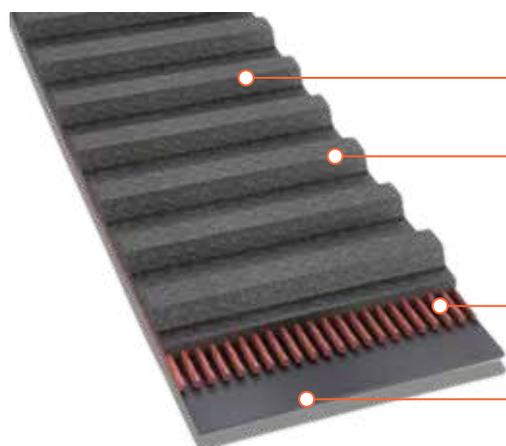
Rubber Timing Belt

CONTI® SYNCHROBELT
Timing belts for the lower and medium power range



PROPERTIES

- Temperature range from -20 °C to +100 °C depending on application
- Conditionally resistant to oil
- Ozone-resistant
- Suitable for tropical climates
- Resistant to aging
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free

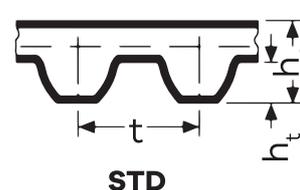
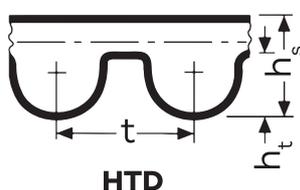
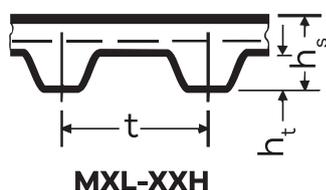


Polyamide fabric

Synthetic rubber teeth

Tension member glass cord

Synthetic rubber backing

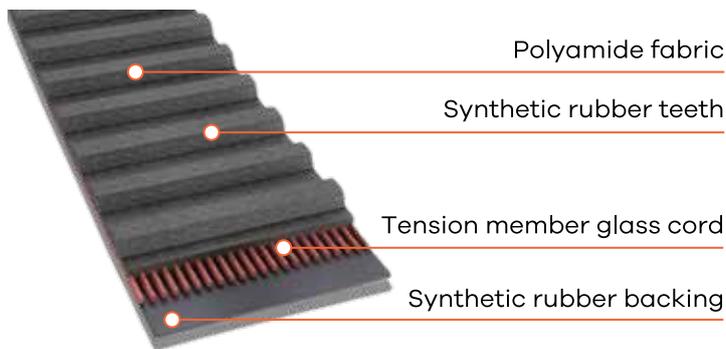


			MXL	XL	L	H	XH	XXH	HTD 3M	HTD 5M	HTD 8M	HTD 14M	STD S2M	STD S3M	STD S5M	STD S8M	STD S14M
Tooth pitch	t	mm	2.032	5.080	9.525	12.700	22.225	31.750	3	5	8	14	2	3	5	8	14
	t	inch	0.08	1/5	3/8	1/2	7/8	1 1/4	-	-	-	-	-	-	-	-	-
Belt thickness	h _s	mm	1.14	2.30	3.60	4.30	11.20	15.80	2.40	3.60	5.60	10.00	1.35	2.30	3.40	5.20	10.20
Tooth height	h _t	mm	0.51	1.27	1.91	2.29	6.35	9.60	1.20	2.10	3.40	6.00	0.75	1.15	1.90	3.00	5.30
Pitch height	u	mm	0.254	0.254	0.381	0.686	1.397	1.524	0.380	0.570	0.686	1.395	0.254	0.380	0.480	0.686	1.395

CONTI[®] SYNCHROFORCE CXP

Heavy duty timing belts for high speeds

Profile	
HTD	STD
3M	S8M
5M	
8M	
14M	



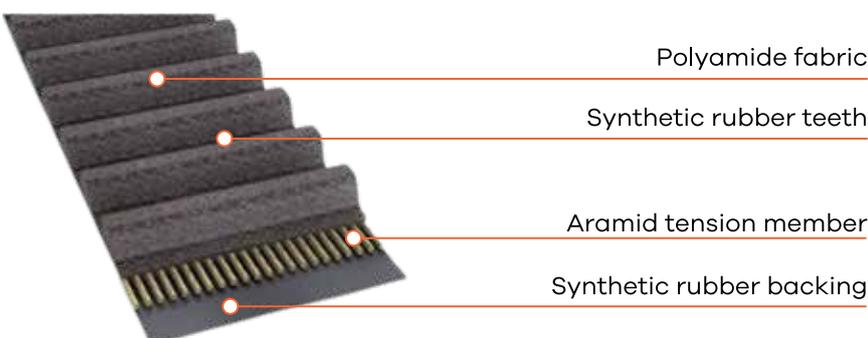
PROPERTIES

- Temperature range from -20 °C to +100 °C depending on application
- Antistatic in accordance with ISO 9563
- Conditionally resistant to oil
- Ozone-resistant
- Suitable for tropical climates
- Resistant to aging
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free
- Increased performance

CONTI[®] SYNCHROFORCE CXA

Heavy-duty timing belts for sustained transmission of high torque levels at low speed.

Profile	
HTD	STD
8M	S8M
14M	
CTD	
C8M	

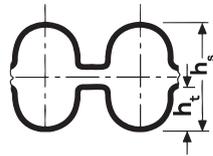
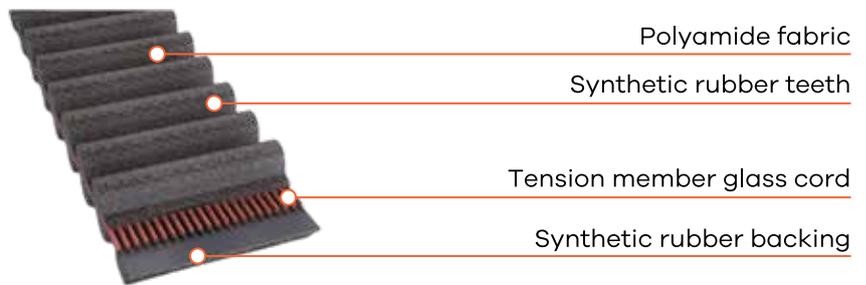


CONTI[®] SYNCHROTWIN

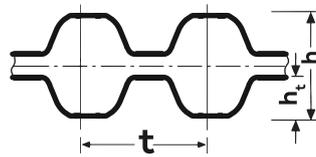
Double-sided timing belts for compact drives with reverse rotation.

PROPERTIES

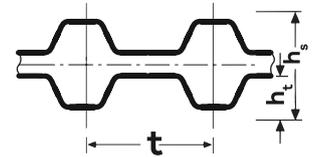
- Temperature range from -20 °C to +100 °C depending on application
- Conditionally resistant to oil
- Ozone-resistant
- Suitable for tropical climates
- Resistant to aging
- Suitable for reverse flexing/
reverse tensioning idlers
- Maintenance-free



DHTD



DSTD



DH

			DHTD D5M	DHTD D8M	DHTD D14M	DSTD DS8M	DH
Tooth pitch	t	mm	5.0	8.0	14.0	8.0	12.7
	t	inch	-	-	-	-	1/2
Belt thickness	h_s	mm	5.4	8.2	15.2	7.3	6.0
Tooth height	h_t	mm	2.10	3.40	6.00	3.00	2.29
Pitch height	u	mm	0.570	0.686	1.395	0.686	0.686

CONTI[®] SYNCHROTWIN CXP

Heavy-duty double-sided timing belts for high speeds

Profile	
DHTD	DSTD
D5M	DS8M
D8M	
D14M	

CONTI[®]

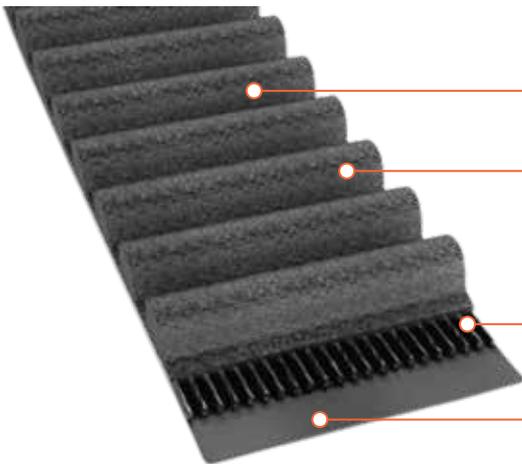
SYNCHROFORCE CARBON

Heavy-duty timing belts for high acceleration forces and shock loads



PROPERTIES

- Temperature-resistant (depending on use) from -30 °C to +130 °C
- Antistatic according to ISO 9563
- Resistant to oil
- Tropic-proof
- Resistant to aging and ozone
- Suitable for counterflexing
- Maintenance-free

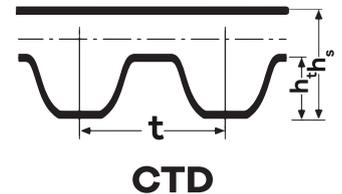
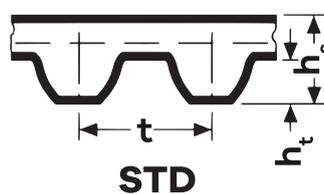
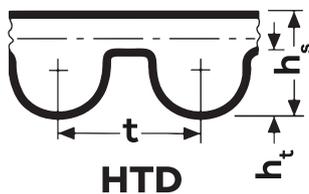


Specially finished fabric

Synthetic rubber teeth

Carbon hybrid tension member

Synthetic rubber backing



			HTM 8M	STD S8M	CTD C8M
Tooth pitch	t	mm	8	8	8
Belt thickness	h_s	mm	5.6	5.2	5.6
Tooth height	h_t	mm	3.4	3.0	3.4
Pitch height	u	mm	0.686	0.686	0.800

CONTI® FALCON PD

Reinforced rubber timing belt developed to work in a variety of extremely demanding drives



PROPERTIES

- Temperature range from -30 °C to +130 °C, depending on application
- Compatible with CTD; therefore, it is suitable for new drive designs while being compatible for use in existing systems
- Very low-noise
- Antistatic in accordance with ISO 9563
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free

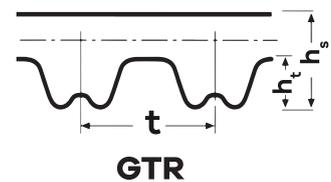


Specially treated fabric

Synthetic rubber teeth

Aramide tension member

Synthetic rubber backing



			GTR 8M	GTR 14M
Tooth pitch	t	mm	8	14
Belt thickness	h_s	mm	5.8	9.8
Tooth height	h_t	mm	3.2	6.0
Pitch height	u	mm	0.8	1.4

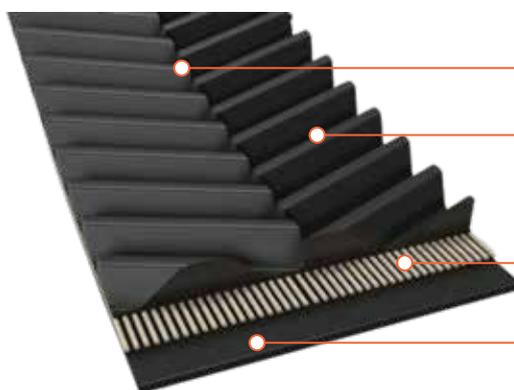
CONTI[®] SILENTSYNC

Self-tracking timing belts made for very quiet and reduced vibration operation; excellent choice for horizontal drives.



PROPERTIES

- Temperature range from -30 °C to +130 °C, depending on application
- Very low-noise
- Antistatic in accordance with ISO 9563
- Conditionally resistant to oil
- Ozone-resistant
- Resistant to aging
- Maintenance-free
- Low vibration



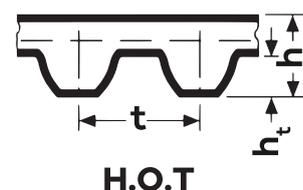
Specially treated fabric

Synthetic rubber teeth

Aramide tension member

Synthetic rubber backing

			H.O.T 8M	H.O.T 14M
Tooth pitch	t	mm	8	14
Belt thickness	h_s	mm	5.5	9.1
Tooth height	h_t	mm	3.01	5.30
Pitch height	u	mm	0.69	1.40
Norminal length	L_p/L_w	mm	Pitch length (mm)	



Colour	● Y Yellow	● W White	● P Purple	● B Blue	● G Green	● O Orange	● R Red
Tooth pitch	8 mm	8 mm	8 mm	14 mm	14 mm	14 mm	14 mm
Belt thickness	16 mm	32 mm	64 mm	35 mm	52.5 mm	70 mm	105 mm

CONTI[®]

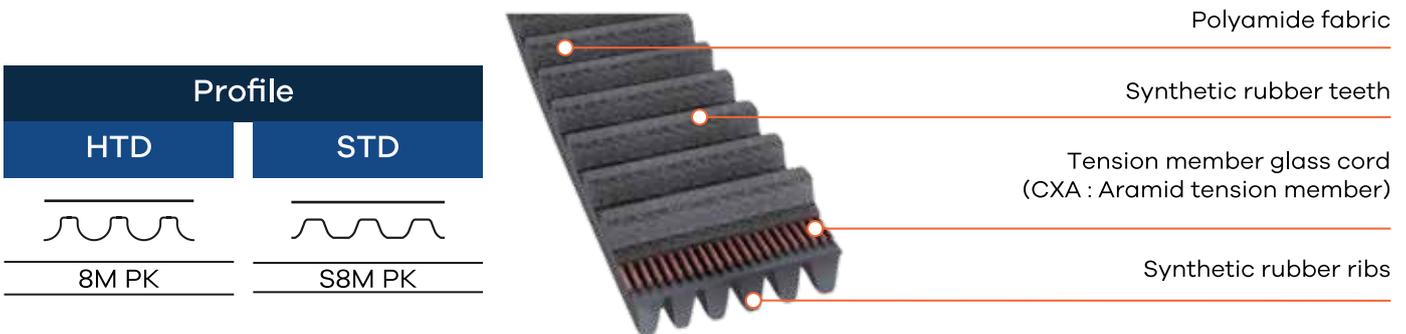
SYNCHROTRIB

A combination of multiple V-ribbed belt and timing belt. Suitable for applications in the lower and medium specification range and as a heavy-duty timing belt for high power outputs at high speeds (CXP), or for the constant transmission of high torques at low speeds (CXA). The belt can also slip on the ribbed face if overloaded.



PROPERTIES

- Temperature range from -20 °C to +100 °C, depending on application
- Antistatic in accordance with ISO 9563 (CXP/CXA)
- Ozone-resistant
- Suitable for tropical climates
- Resistant to aging
- Maintenance-free



Profile	
HTD	STD
8M PK	S8M PK

			HTD 8M	STD S8M	PK
Tooth pitch	t	mm	8	8	
Belt thickness	h_s	mm	8.0	7.5	
Tooth height	h_t	mm	3.40	3.00	
Pitch height	u	mm	0.686	0.686	
Nominal length	L_p/L_w	mm	Pitch length (mm)		
Rib pitch	s	mm			3.54
Flank angle	α	°			40(±1)

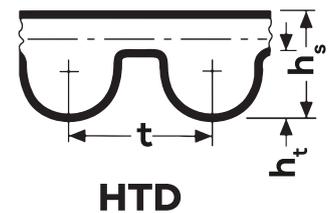
CONTI[®] SYNCHROCOLOR

Silicone-free timing belt - free of substances that damage paintwork



PROPERTIES

- Temperature range from -20 °C to +100 °C, depending on application
- Paint compatible
- Silicon-free
- Antistatic in accordance with ISO 9563
- Conditionally resistant to oil
- Ozone-resistant
- Suitable for tropical climates
- Resistant to aging
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free



SYNCHROCOLOR HTD

			HTD 8M	HTD 14M
Tooth pitch	t	mm	8	14
Belt thickness	h_s	mm	5.5	10.0
Tooth height	h_t	mm	3.4	6.0
Pitch height	u	mm	0.686	1.395
Nominal length	L_p/L_w	mm	Pitch length (mm)	

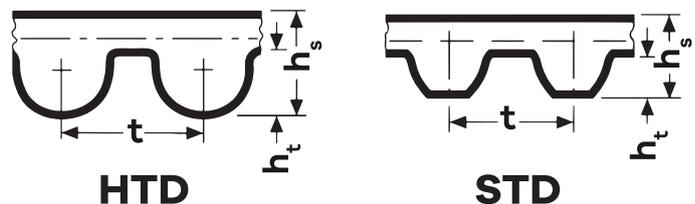
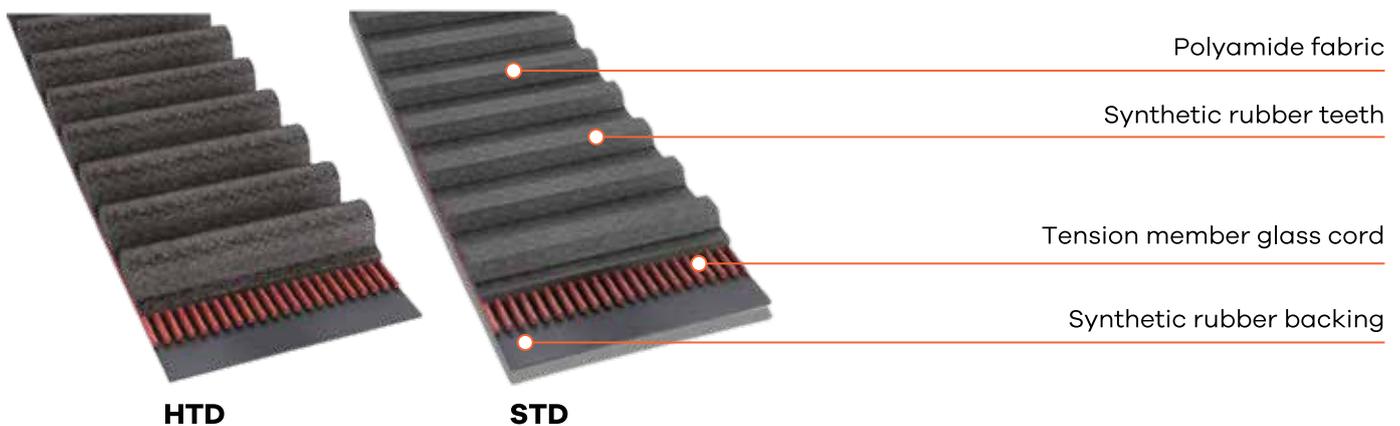
Heavy-duty
CONTI[®] SYNCHROCOLOR CXP and CONTI[®] SYNCHROCOLOR CXA
types are available on request.

CONTI[®] SYNCHROLINE

Open-ended timing belt for use in automatic sliding doors

PROPERTIES

- Temperature range from -20 °C to +100 °C, depending on application
- Conditionally resistant to oil
- Ozone-resistant
- Resistant to aging
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free
- Antistatic in accordance with ISO 9563 (CXP)



			HTD 5M	HTD 8M	STD S8M
Tooth pitch	t	mm	5	8	8
Belt thickness	h_s	mm	3.6	5.6	5.2
Tooth height	h_t	mm	2.10	3.40	3.00

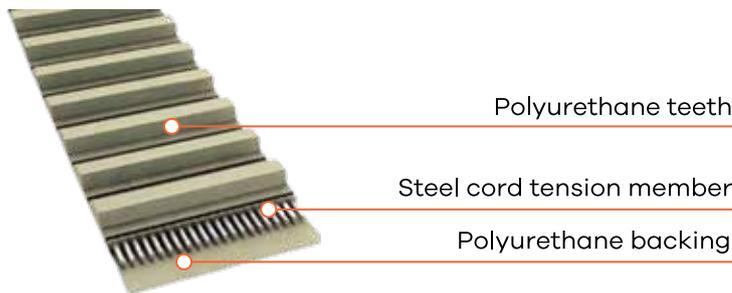
CONTINENTAL CONTITECH



PU Timing Belt

CONTI® SYNCHROFLEX

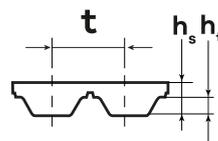
Polyurethane timing belts for the lower and medium power range



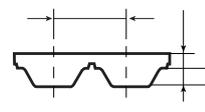
PROPERTIES

- Temperature range from -30 °C to +80 °C (please request technical advice for range under -10 °C and above +50 °C)
- Constant length
- Low-noise
- Wear-resistance
- High flexibility
- Resistant to oils, grease and fuel
- Conditionally resistant to acid and lye
- Raw materials and production are silicone free
- Suitable for tropical climates
- Aging-resistant
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free

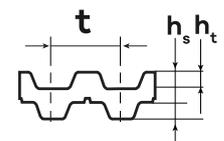
		Profile	
AT/T/M		T-DL	K
AT 3	T 2	T 2.5-DL	K1.5
AT 5	T 2.5	T 5-DL	
AT 10	T 5	T 10-DL	
AT 20	T 10		
	T 20		
	M (MXL)		



AT

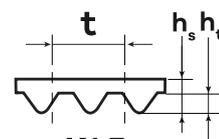


T

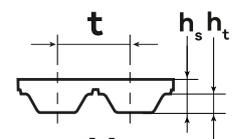


T-DL

			AT 3	AT 5	AT 10	AT 20	T 2	T 2.5	T 2.5-DL	T 5	T 5-DL
Tooth pitch	t	mm	3.0	5.0	10.0	20.0	2.0	2.5	2.5	5.0	5.0
Belt thickness	h_s	mm	1.9	2.7	5.0	9.0	1.1	1.3	2.0	2.2	3.4
Tooth height	h_t	mm	1.1	1.2	2.5	5.0	0.5	0.7	0.7	1.2	1.2



K1.5

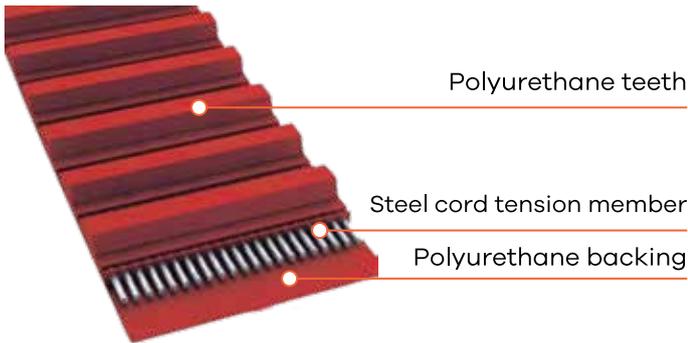


M

			T 10	T 10-DL	T 20	T 20-DL	M (MXL)	K1.5
Tooth pitch	t	mm	10.000	10.000	20.000	20.000	2.032	1.500
Belt thickness	h_s	mm	4.50	7.00	8.00	13.50	1.15	1.20
Tooth height	h_t	mm	2.50	2.50	5.00	5.00	0.51	0.60

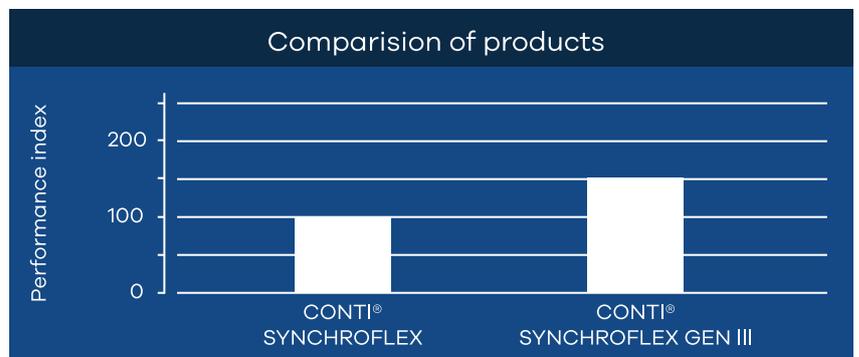
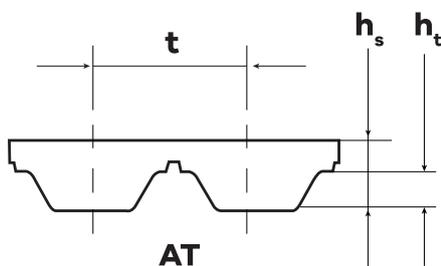
CONTI® SYNCHROFLEX GEN III

PU heavy-duty timing belt for high power transmission at high speeds



PROPERTIES

- Temperature range, depending on application, from $-30\text{ }^{\circ}\text{C}$ to $+100\text{ }^{\circ}\text{C}$ (please request technical advice for range under $-10\text{ }^{\circ}\text{C}$ and above $+50\text{ }^{\circ}\text{C}$)
- Up to 25% higher power transmission
- Constant length
- Low-noise
- Wear-resistance
- High flexibility
- Resistant to oils, grease and fuel
- Conditionally resistant to acid and lye
- Raw materials and production are silicone free
- Suitable for tropical climates
- Aging-resistant
- Maintenance-free



			AT 3 GEN III	AT 5 GEN III	AT 10 GEN III	AT 20 GEN III
Tooth pitch	t	mm	3	5	10	20
Belt thickness	h_s	mm	1.9	2.7	5.0	9.0
Tooth height	h_t	mm	1.1	1.2	2.5	5.0

CONTI[®]

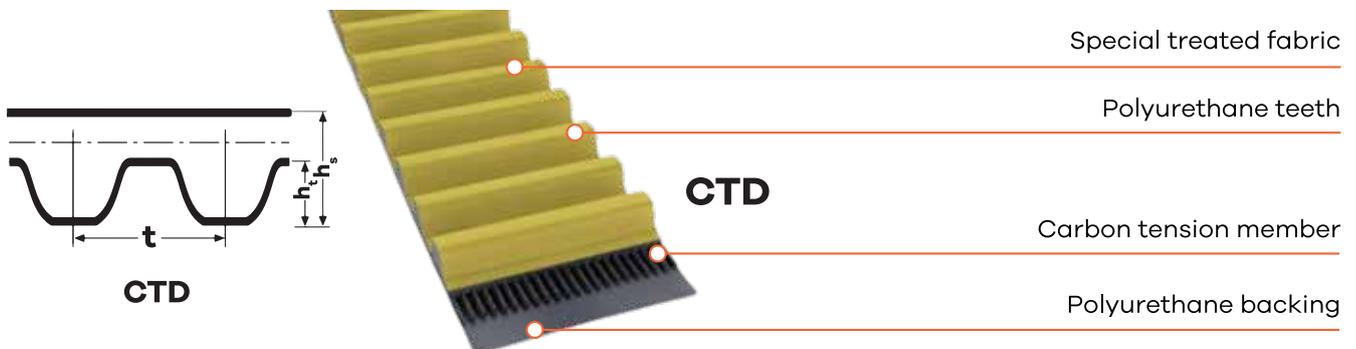
SYNCHROCHAIN CARBON

Heavy-duty timing belt for all extreme applications with extremely high torques. Also suitable as a replacement for chain drives.



PROPERTIES

- Temperature range from -55 °C to +80 °C depending on application (for temperatures lower than -40 °C please contact ContiTech)
- Increased performance
- Longitudinally stable throughout its lifetime
- Resistant to oils, grease and fuel
- Conditionally resistant to acid and lye
- Raw materials and production are silicone free
- Ozone-resistant
- Suitable for tropical climates
- Resistant to aging
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free
- Belt speeds up to 40 m/s



			CTD C8M	CTD C14M
Tooth pitch	t	mm	8	14
Belt thickness	h_s	mm	5.6	10.0
Tooth height	h_t	mm	3.4	6.0

CONTI® SYNCHRODRIVE

Open-ended polyurethane timing belts for material flow, linear and transport technology, entry systems



Polyurethane teeth*

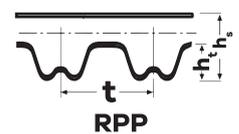
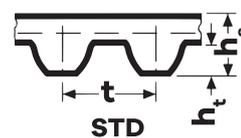
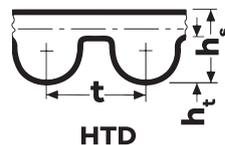
Tension member/Steel cord

Polyurethane backing*

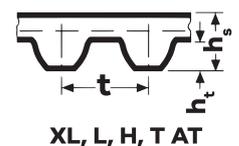
*Fabric cover on teeth and backing (PAZ/PAR) upon request

PROPERTIES

- Temperature range from -30 °C to +80 °C
- Can be welded with thermoplastics
- Wear-resistant
- Raw materials and production are silicone free
- Resistant to fuel and benzene
- Oil- and grease-resistant
- Resistant to UV and ozone
- Suitable for tropical climates
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free
- Resistant to hydrolysis



			HTD 3M	HTD 5M	HTD 8M	HTD 14M	HTD 20M	STD S3M	STD S5M	STD S8M	RPP 8M	RPP 14M
Tooth pitch	t	mm	3	5	8	14	20	3	5	8	8	14
Belt thickness	h_s	mm	2.4	3.6	5.6	10.0	13.2	2.4	3.4	5.2	5.6	10.0
Tooth height	h_t	mm	1.20	2.10	3.40	6.00	8.70	1.15	1.90	3.00	3.40	6.00



			XL	L	H	T5	T10	AT3	AT5	AT10	AT20
Tooth pitch	t	mm	5.08	9.53	12.70	5.00	10.00	3.00	5.00	10.00	20.00
	t	inch	1/5	3/8	1/2	-	-	-	-	-	-
Belt thickness	h_s	mm	2.3	3.6	4.3	2.2	4.5	1.9	2.7	5.0	9.0
Tooth height	h_t	mm	1.27	1.91	2.29	1.20	2.50	1.10	1.20	2.50	5.0

CONTI[®]

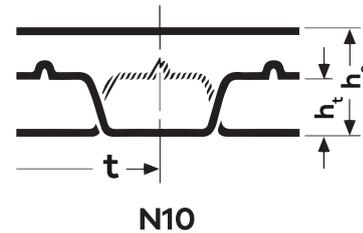
SYNCHRODRIVE N10

Self-guiding nubbed belts for transport and linear technology



PROPERTIES

- Temperature range from -30 °C to +80 °C
- Can be welded with thermoplastics
- Wear-resistant
- Raw materials and production are silicone free
- Resistant to fuel and benzene
- Oil- and grease-resistant
- Resistant to UV and ozone
- Suitable for tropical climates
- Suitable for reverse flexing/ reverse tensioning idlers
- Maintenance-free
- Resistant to hydrolysis



			N10
Tooth pitch	t	mm	10
Belt thickness	h_s	mm	4.5
Tooth height	h_t	mm	2.5



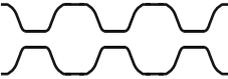
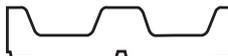
Polyurethane nubs*

Tension member/Steel cord

Polyurethane backing*

*Fabric cover on nubs and backing (PAN/PAR) upon request

Profile overview

Designation	Pitch	Distance t (mm)		Belt thickness h _s (mm)	Tooth height h _t (mm)
HTD	3M	3.000		2.40	1.20
	5M	5.000		3.60	2.10
	8M	8.000		5.60	3.40
	14M	14.000		10.00	6.00
DHTD	D5M	5.000		5.40	2.10
	D8M	8.000		8.20	3.40
	D14M	14.000		15.20	6.10
STD	S2M	2.000		1.35	0.75
	S3M	3.000		2.30	1.15
	S5M	5.000		3.40	1.90
	S8M	8.000		5.20	3.00
	S14M	14.000		10.20	5.30
DSTD	DS8M	8.000		7.30	3.00
CTD	C8M	8.000		5.60	3.40
	C14M	14.000		10.00	6.00
GTR	8M	8.000		5.80	3.20
	14M	14.000		9.80	6.00
HOT	8M	8.000		5.50	3.00
	14M	14.000		9.10	5.30
Trapezoidal imperial	MXL	2.032		1.14	0.51
	XL	5.080		2.30	1.27
	L	9.525		3.60	1.91
	H	12.700		4.30	2.29
	XH	22.225		11.20	6.35
	XXH	31.750		15.80	9.60
Double Trapezoidal imperial	DH	12.700		6.00	2.29
Trapezoidal metric	T2	2.000		1.10	0.50
	T2.5	2.500		1.30	0.70
	T5	5.000		2.20	1.20
	T10	10.000		4.50	2.50
	T20	20.000		8.00	5.00
	AT3	3.000		1.90	1.10
	AT5	5.000		2.70	1.20
	AT10	10.000		5.00	2.50
	AT20	20.000		9.00	5.00
Double Trapezoidal metric	T2.5-DL	2.500		2.00	0.70
	T5-DL	5.000		3.40	1.20
	T10-DL	10.000		7.00	2.50

CONTINENTAL

CONTITECH

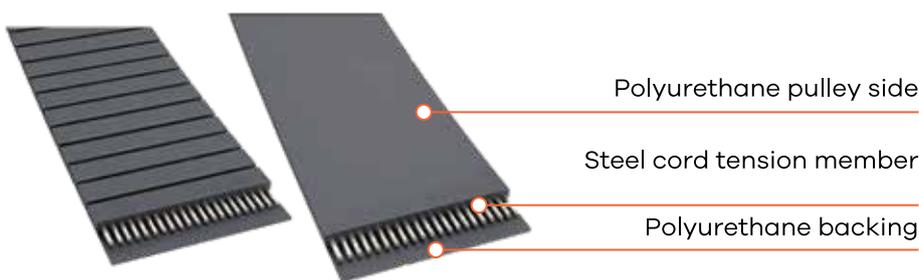
Flat Belt

CONTI® POLYFLAT
Flat belt for space-saving
drive configurations in lift systems



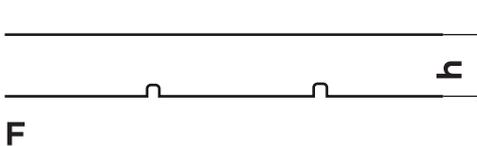
PROPERTIES

- Temperature range from -30 °C to +80 °C
- Can be welded with thermoplastics
- Wear-resistant
- Raw materials and production are silicone free
- Resistant to fuel and benzene
- Oil- and grease-resistant
- Resistant to UV and ozone
- Suitable for tropical climates
- Suitable for reverse flexing/reverse tensioning idlers
- Maintenance-free
- Resistant to hydrolysis



grooveless on both sides, on request

Profile	Belt width (mm)
HF	10-100
HP	10-120
HS	10-120
XHP	15-120
XHP II	25-75
XHS	40-150
XHS II	85-150



	F HF	F HP	F HS	F XHP	F XHP II	F XHS	F XHS II
Belt thickness h mm	2.1	2.3	2.5	3.0	3.3	4.5	5.0

ELATECH

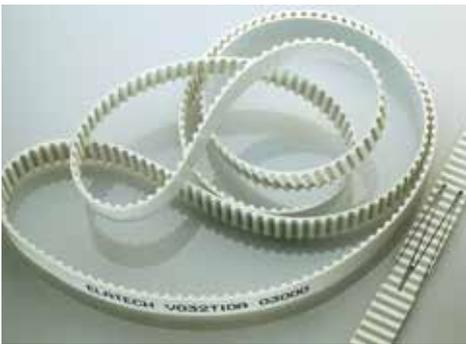
PU TIMING BELT

Product range



ELATECH® M - open end

ELATECH® M belts are produced in standard roll length of 100 m and delivered to any desired. The excellent precision and dimensional stability and the high abrasion resistance make them ideal in all linear motion applications.



ELATECH® V - Jointed

They are jointed belts obtained from open-end belts. The special manufacturing process, allows for obtaining any desired length. Due to the high flexibility and to the unique precision in positioning offered, ELATECH® V belts are ideal for all conveying applications where synchronisation is needed. ELATECH® V have been designed specifically for transport applications with linear speeds up to 2 m/s. They can not be used for power transmission applications.



ELA-flex SD™

ELA-flex SD™ Synchro Drive belts are manufactured with truly endless steel tension cords. Having no splice or welding, they have no weak cross section and are therefore ideal for power transmission and high load conveying applications. They are available in a wide range of profiles and pitches and in any length tooth by tooth from 900 mm to 20000 mm.

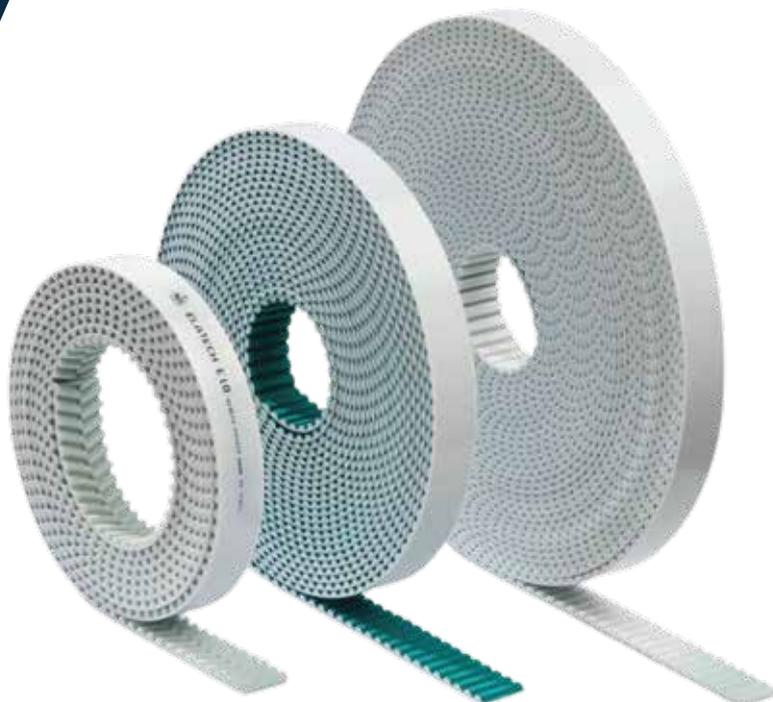


iSync®

ELATECH® iSync™ belts are made with a special polyurethane compound and high resistance steel tension cords which are processed with a unique and highly sophisticated technology to obtain a superior polyurethane belt. iSync™ belts offer optimal performances on all type of industrial applications and particularly where high precision and accuracy are needed.

iSync™ belts are able to transmit up to 30% more than conventional T, AT type of belts in the same space or same power with a more compact drive.

ELA-M & V PROFILE



Timing belts are also available with a dual-toothed execution (DUAL).



MXL - XH IMPERIAL



T



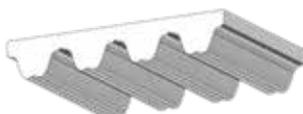
AT



HTD



STD



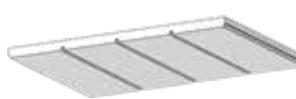
RTD (RPP)



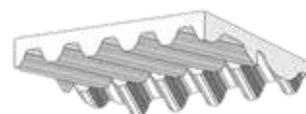
T10 TOTAL PROTECTION



A10 TOTAL PROTECTION



HT8 TOTAL PROTECTION



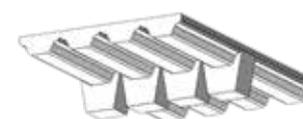
EAGLE



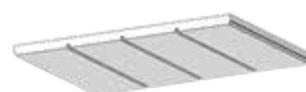
**SAT10 (SELF CENTERING,
NO FLANGE NEEDED)**



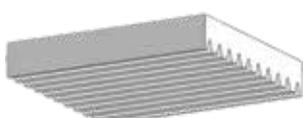
**TK5-K6; TK10-K6,
ATK5-K6, ATK10-K6
(SELF CENTERING,
NO FLANGE NEEDED)**



**TK10-K13; ATK10-K13
(SELF CENTERING,
NO FLANGE NEEDED)**



FLAT



POLY-V-K

ELA-FLEX SD PROFILE



The ELA-FLEX SD® Timing belts are also available with a dual-toothed execution (DUAL)



L-XH IMPERIAL



T



AT



HTD



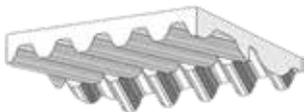
STD



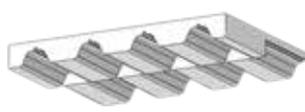
RTD



ATM10



EAGLE



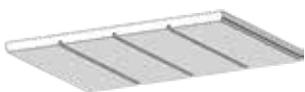
**SAT10 (SELF CENTERING,
NO FLANGE NEEDED)**



**TK5-K6; TK10-K6,
ATK5-K6, ATK10-K6
(SELF CENTERING,
NO FLANGE NEEDED)**

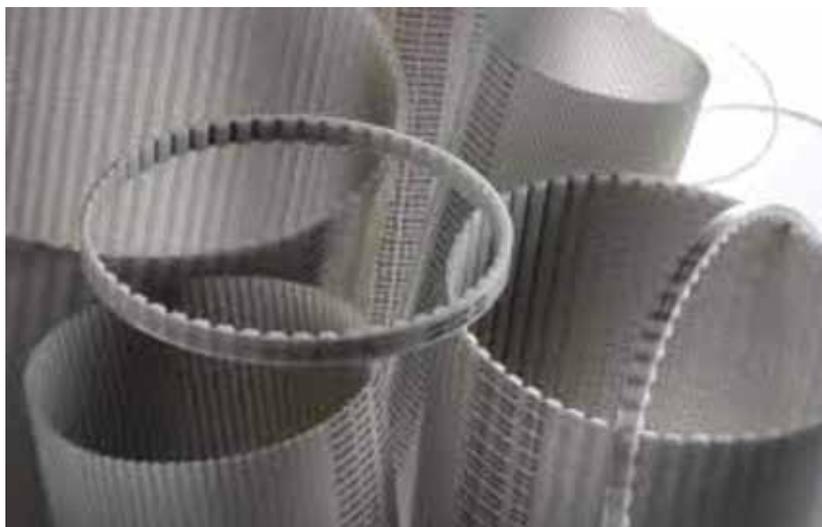


**TK10-K13; ATK10-K13
(SELF CENTERING,
NO FLANGE NEEDED)**



FLAT

ISYNC® PROFILE



The iSync® Timing belts are also available also with a dual-toothed execution (DUAL).



L-XH IMPERIAL

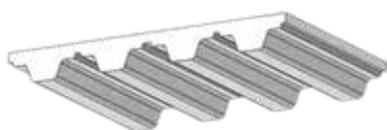


T



AT

SYNCHRO-MAX® EXTRA WIDE BELTS



T



H-IMPERIAL

SPECIAL BELTS

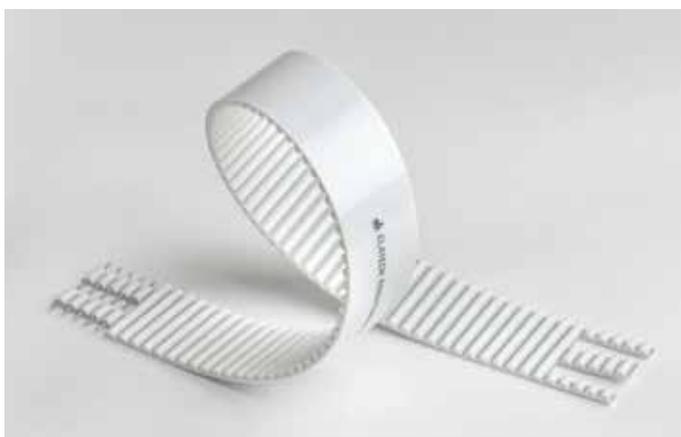
Belts with Coatings



Belts with Cleats



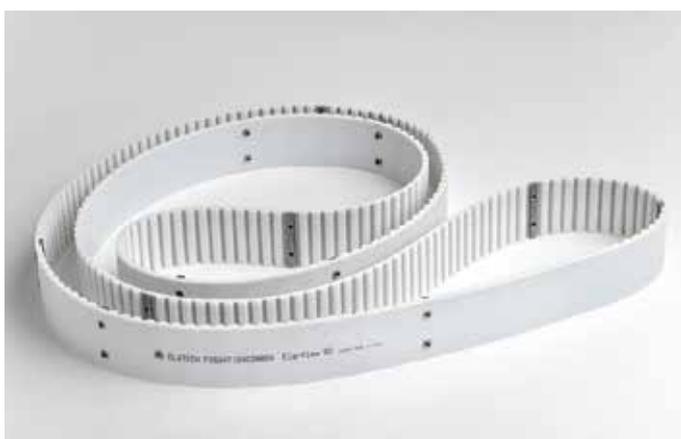
Belts with EMF mechanical fastening system



Belts with special machining



Belts with EFT mechanical profile system





CONVEYOR BELTS

Monolithic conveyor belts made of PU and TPE

We are one of the leading manufactures offering a huge combination of options. Choose your surface structure, material properties hardness and colors



BELT PROFILES

Weldable PU and TPE belts

BEHAbelt offers one of the broadest ranges in the market. This concerns the number of geometries, material properties and shore hardness variations. In addition, we are able to develop and manufacture customized profiles.



WELDING TECHNOLOGY

Welding technology for PU and TPE

Each belt is only as good as its splice. Our program includes specially developed welding tools for profiles and flat belts.



COATINGS

PU coatings for timing belt and V-belts

Coating materials for e.g. high grip, accumulating or easy release. The industry requirements are as varied as our offer.



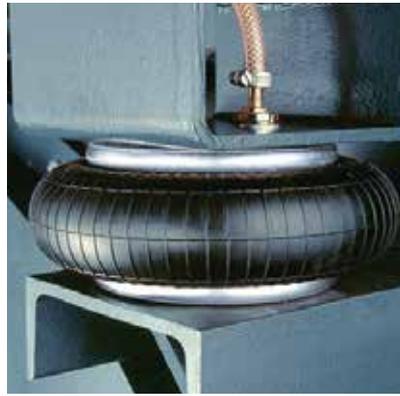
WELDABLE PROFILES

Weldable profiles made of PU

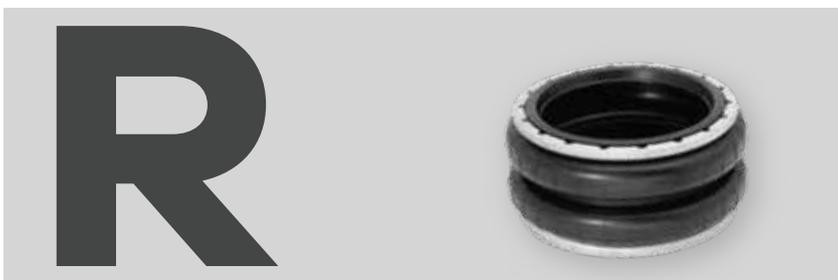
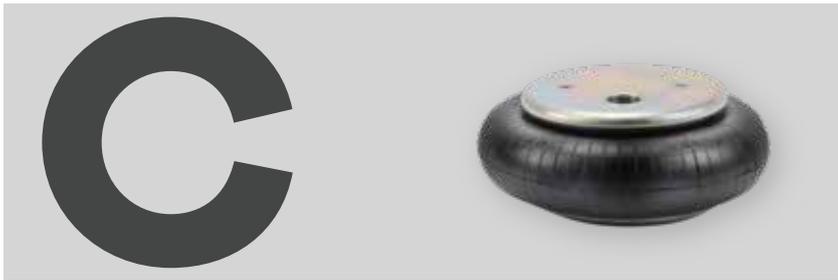
The assembly of conveyor belts with weld-on profiles such as cleats, sidewalls or V-guides allows solutions to a wide range of applications.

CONTINENTAL CONTITECH

AIRSPRING/AIR ACTUATOR



MODEL SERIES AND BELLOW VARIANTS





ELASTOMERIC MOUNTING



METAL MOUNTING



ACOUSTICS FOAMS



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FLEXIBLE BUSHES



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