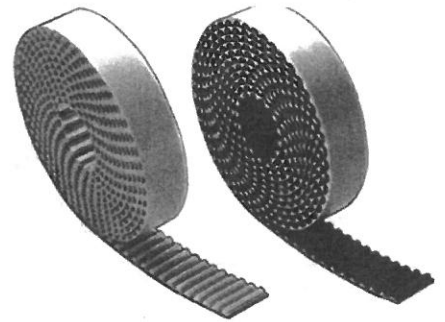


# ELATECH® Polyurethane Belts

## Belting for a wide variety of applications

ELATECH®, distributed by Continental ContiTech, is a full line of polyurethane belting covering a full range of applications - linear motion, conveying and power transmission.



ELATECH®s\* polyurethane belts are a combination of a polyurethane body reinforced with special steel or aramid tension members to fulfill the most severe industrial requirements.

Available product styles include:

- > iSync - Truly Endless sleeves
- > ELATECH® M - Open End
- > ELATECH® V - Spliced
- > ELA-flex SD™ - Truly Endless

iSync Truly Endless sleeves can be cut and shipped in any size - usually in 24 hours. Advanced design is ideal for difficult environments where high precision is needed and cleanliness is critical, as well as heavy-duty conveying drives with special backing or cleats. ELATECH® M, ELATECH® V and ELA-flex SD™ complete the full line by providing a more customized solution with a broad range of timing belt pitches and a variety of application-specific backings.

### Wide range of backings and cleat attachments

The unique chemical and mechanical characteristics of polyurethane belts along with the possibility of a variety of backings are ideal for conveying applications.

It is possible to attach a variety of cleats on all of ELATECH®s polyurethane belts for conveying, handling and positioning.

### Belt construction engineered for excellence

ELATECH® belts are manufactured with a body of thermoplastic polyurethane providing superior wear and abrasion resistance. It can be an ideal choice where cleanliness is critical. The precise manufacturing process, coupled with the polyurethane belt material, ensures a reliable and dimensionally stable product.

The tension members are high tensile steel that offer excellent dimensional stability for accurate positioning and less maintenance. Construction with special cords is available upon request.

A special polyamide fabric on the tooth facing (special order) can reduce friction, improve tooth engagement and reduce noise.

### Built for extreme conditions

The chemical properties of polyurethane belting make them highly resistant to:

- > Hydrolysis
- > UVA
- > Oils, greases and fats
- > Good resistance to acids
- > Ozone
- > Aging
- > Gasoline

ELATECH®s product line has a working temperature range of 15°F to 175°F (-9.4°C to 79.4°C) and peaks up to 230°F (110°C).

\*ELATECH is a registered trademark of ELATECH S.r.l.

### More information

Full product offering, technical data and drive data can be obtained in the ELATECH®\* Polyurethane Belts catalog.

### Applications

Polyurethane belts can be used in open end, jointed/spliced or Truly Endless configurations in a variety of applications.

Typical applications for the open end configuration are in linear motion devices and other drives where precise motion is required.

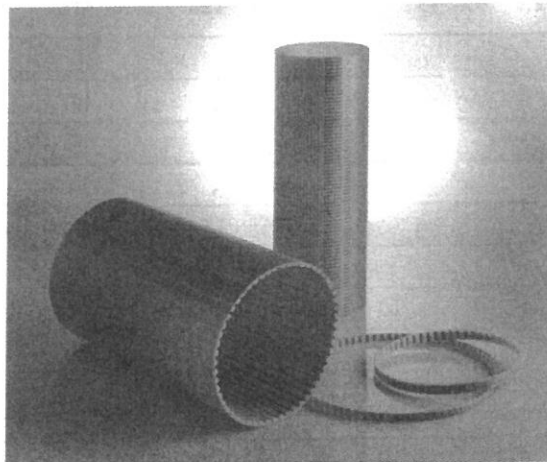
Typical applications for the spliced configuration are in light conveyors and other material process and transfer industries.

Truly Endless due to having no splice or welding; are ideal in high load conveying or power transmission applications.

### Key features & benefits

- > Polyurethane material resists flaking, has higher dimensional stability and superior wear and abrasion resistance.
- > Higher flexibility.

Contact your PTP Industrial Distributor or go to [www.contitech.us](http://www.contitech.us) to locate one.

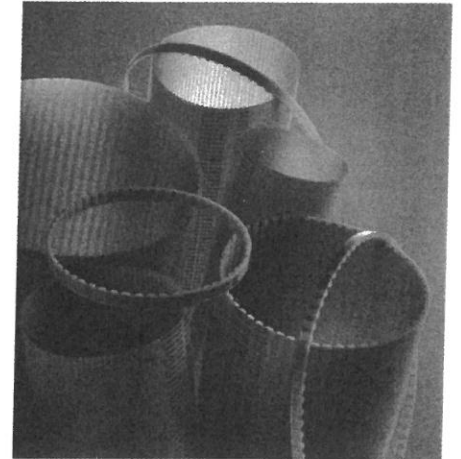


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# ELATECH®\* Polyurethane Belts

## Distributed by Continental ContiTech

### Available Sizes



**T**

Width (mm)			
T2.5	T5	T10	T20
4	10	10	25
6	12	16	32
10	16	20	50
20	20	25	5
50	25	32	100
100	32	50	150
	50	75	
	75	100	
	100	150	

**AT**

Width (mm)		
AT5	AT10	AT20
10	10	25
12	16	32
16	25	50
20	32	75
25	50	100
32	75	150
50	100	
75	150	
100		

**iSync - Truly Endless**

Profile	Lengths (mm)	Maximum Widths (mm)
T2.5	120 - 950	300-400
T5	165 - 1440	
T10	260 - 2250	
AT5	330 - 1050	
AT10	560 - 1940	

**ATL**

Width (mm)		
ATL5	ATL10	ATL20
10	10	25
12	16	32
16	25	50
20	32	75
25	50	100
32	75	150
50	100	

**HTD®**

Width (mm)			
HTD®3M	HTD®5M	HTD®8M	HTD®14M
10	10	10	40
15	15	15	55
25	25	20	85
50	50	30	100
100	100	50	115
		85	
		100	

**RTD**

Width (mm)		
RTD5M	RTD8M	RTD14M
10	10	40
15	15	55
25	20	85
50	30	100
100	50	115
	85	
	100	

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