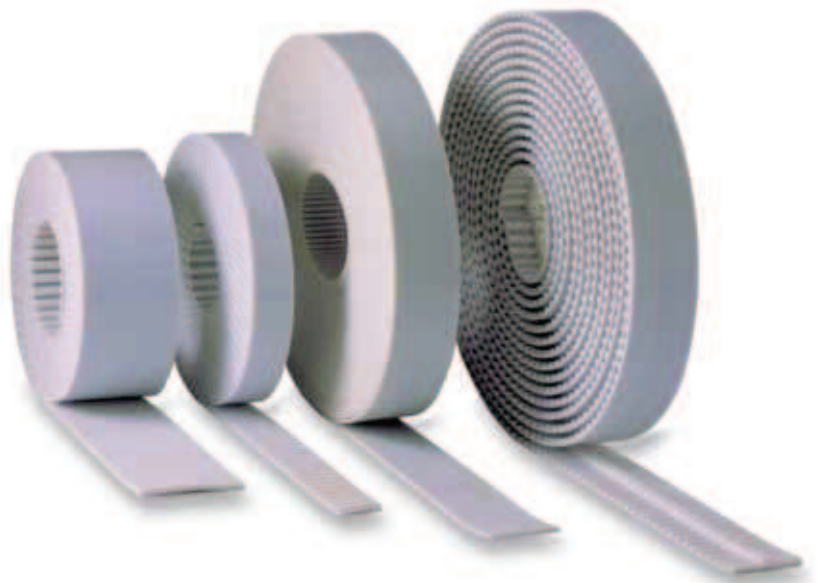
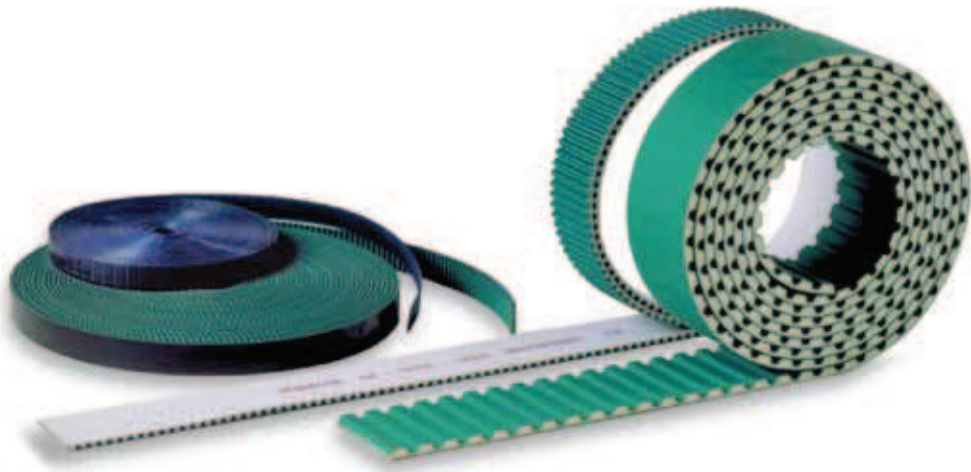
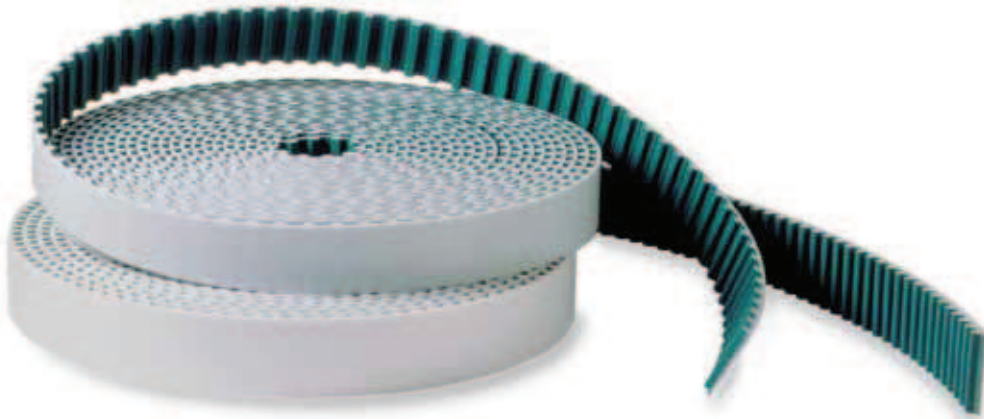




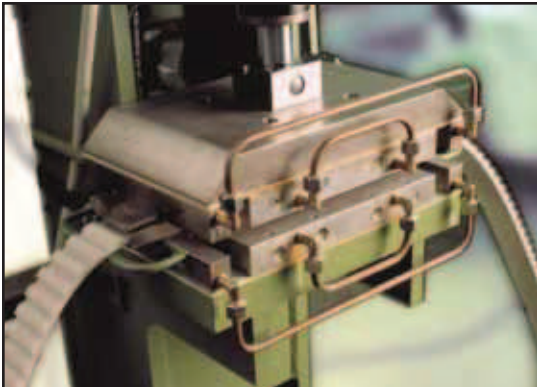
MEGALINEAR[®]

Polyurethane Open-End Timing Belts (Thermoplastic)



MEGALINEAR®

Polyurethane Open-End Timing Belts (Thermoplastic)



MEGALINEAR open-end timing belts are manufactured in thermoplastic polyurethane, giving superior wear and abrasion resistance. Various grades of steel cords offer good running characteristics, even with high-torque loads.

Manufactured to tight tolerances, Megalinear delivers reliability and excellent dimensional stability. The addition of a nylon fabric on the tooth and/or the back of the belt during production enhances the running properties for specific applications. An extra thickness of polyurethane is also possible on the back of the belt, offering extra protection against abrasive or heavy products.

MEGALINEAR offers the following features:

MECHANICAL features:

- Consistent dimensional stability
- Low pre-tension
- Low noise
- High abrasion resistance
- Low maintenance
- High flexibility
- Linear speeds up to 80 m/second (over 15,000 ft./min.)
- High precision linear positioning

CHEMICAL features:

- Good resistance to aging, hydrolisis, UVA rays & ozone
- Working temperature: -13°F to + 176°F (up to +230°F for short periods)
- High resistance to oils, fats and greases
- Good resistance to most acids and Alkalis
- Compatible for fabrication with other thermoplastic materials.

MEGALINEAR can be supplied as open-end rolls, or as endless spliced belts.

OPEN LENGTH BELTS

These are manufactured as continuous lengths, with the reinforcement in a parallel configuration. Standard roll lengths are 50 or 100 meters. Other lengths available upon request.

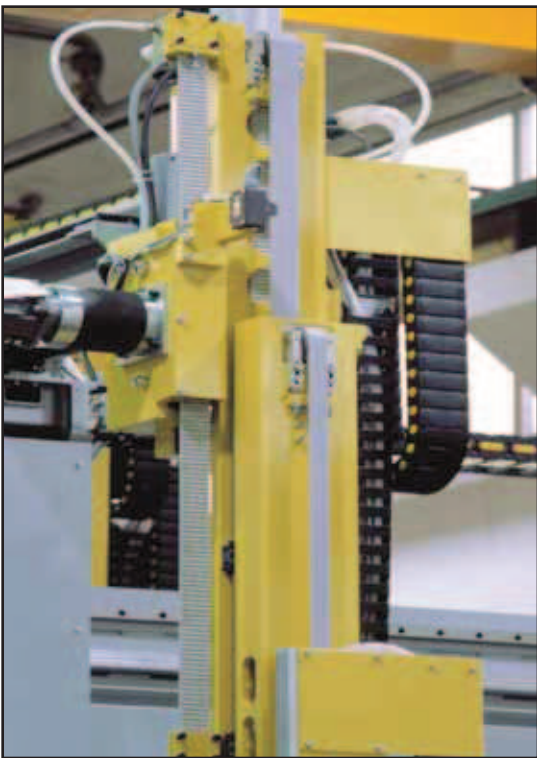
MEGALINEAR open-end belts are normally used in linear motion drives.

ENDLESS SPLICED BELTS

By splicing, using the thermoplastic properties of the open-end belt, endless belts can be produced to any length by welding. The finished splice is resistant to fatigue from flexing and tension due to the unique symmetrical Vee shaped pattern of the splice.

Endless spliced belts are suitable for conveying applications, particularly when indexing and/or positive drive is required. Supplementary application of cleats, profiles, fabrics and backings is possible to suit specific applications.

MEGALINEAR is also available with alternative reinforcement cords such as, Kevlar® (K), High Flex (HF), High Performance (HP) and High Performance Flex (HPF).

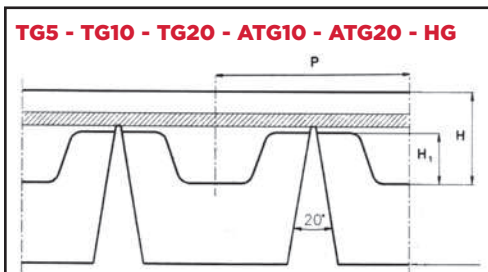
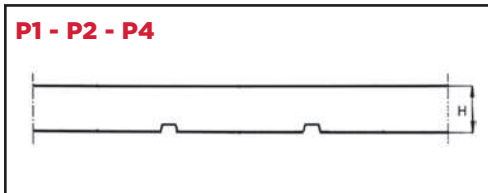
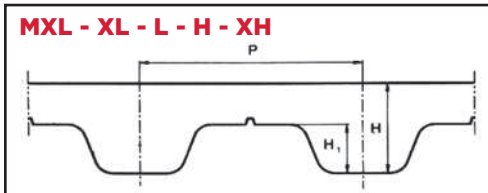
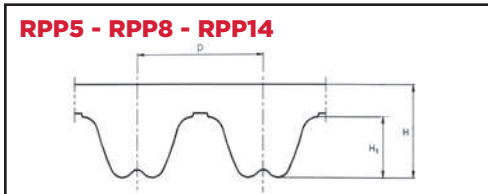
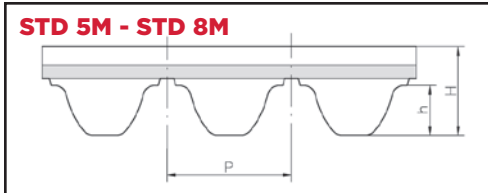
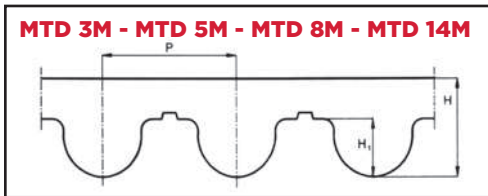
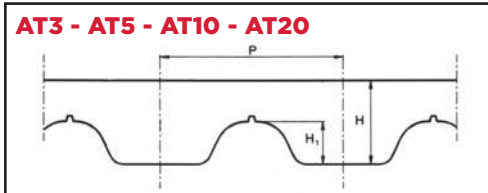
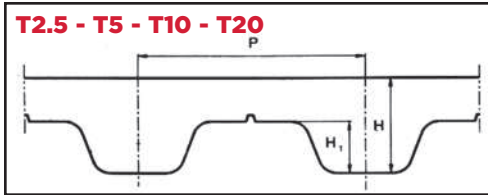


*Kevlar is a registered trademark of DuPont



MEGALINEAR®

Polyurethane Open-End Timing Belts (Thermoplastic)



MTD 3M Std. width (mm)	
10	
20	
25	
50	
P 3mm	
H 2.2mm	
Hi 1.13mm	

MTD 5M Std. width (mm)	
10	
15	
25	
50	
P 5mm	
H 3.6mm	
Hi 2.1mm	

MTD 8M Std. width (mm)	
10	
15	
20	
30	
50	
85	
100	
P 8mm	
H 5.6mm	
Hi 3.4mm	

MTD 14M Std. width (mm)	
25	
40	
55	
85	
100	
115	
P 14mm	
H 10mm	
Hi 6.1mm	

RPP5 Std. width (mm)	
10	
15	
25	
30	
50	
P 5mm	
H 3.8mm	
Hi 2mm	

RPP8 Std. width (mm)	
10	
15	
20	
30	
50	
85	
100	
P 8mm	
H 5.4mm	
Hi 3.2mm	

RPP14 Std. width (mm)	
40	
55	
85	
115	
150	
P 14mm	
H 10mm	
Hi 6mm	

TG5 K6 Std. width (mm)	
25	
32	
50	
P 5mm	
H 2.2mm	
Hi 1.2mm	
B 6mm	
h 4mm	

TG10 K6 Std. width (mm)	
50	
P 10mm	
H 4.5mm	
Hi 2.5mm	
B 6mm	
h 3.3mm	

TG10 K13 Std. width (mm)	
25	
32	
50	
75	
100	
P 10mm	
H 4.5mm	
Hi 2.5mm	
B 13mm	
h 6.5mm	

TG20 K13 Std. width (mm)	
50	
75	
100	
P 20mm	
H 8mm	
Hi 5mm	
B 13mm	
h 5.5mm	

ATG10 K13 Std. width (mm)	
25	
32	
50	
75	
100	
150	
P 10mm	
H 4.5mm	
Hi 2.5mm	
B 13mm	
h 7mm	

ATG20 K13 Std. width (mm)	
75	
150	
P 20mm	
H 8mm	
Hi 5mm	
B 13mm	
h 6.4mm	

HG K13 Std. width (in)	
1.50	
2.00	
3.00	
4.00	
P 12.7mm	
H 4.3mm	
Hi 2.29mm	
B 13mm	
h 6.29mm	

MEGALINEAR®

Polyurethane Open-End Timing Belts (Thermoplastic)



.080" Pitch		1/5" Pitch		3/8" Pitch		1/2" Pitch		1/2" Pitch		7/8" Pitch	
MXL Std. width (in)		XL Std. width (in)		L Std. width (in)		H Std. width (in)		H* Std. width (in)		XH Std. width (in)	
0.17		0.25		0.37		0.50		8.00		1.00	
0.37		0.37		0.50		0.75		200.00		1.50	
0.50		0.50		0.75		1.00				2.00	
		0.75		1.00		1.50				3.00	
		1.00		1.50		2.00				4.00	
		1.50		2.00		3.00				6.00	
		2.00		4.00		4.00					
						6.00					
P	2.03mm	P	5.08mm	P	9.525mm	P	12.7mm	P	12.7mm	P	22.225mm
H	1.2mm	H	2.3mm	H	3.6mm	H	4.3mm	H	4.3mm	H	11.2mm
H _i	0.51mm	H _i	1.27mm	H _i	1.90mm	H _i	2.29mm	H _i	2.29mm	H _i	6.35mm

T2.5 Std. width (mm)		T5 Std. width (mm)		T10 Std. width (mm)		T10* Std. width (mm)		T20 Std. width (mm)	
10		6		12		200		25	
16		10		16		250		32	
20		16		25		300		50	
		25		32		400		75	
		32		50		450		100	
		50		75		500		150	
		75		100					
		100		150					
P	2.5mm	P	5mm	P	10mm	P	10mm	P	20mm
H	1.3mm	H	2.2mm	H	4.5mm	H	4.5mm	H	8mm
H _i	0.7mm	H _i	1.2mm	H _i	2.5mm	H _i	2.5mm	H _i	5mm

AT3 Std. width (mm)		AT5 Std. width (mm)		AT10 Std. width (mm)		AT20 Std. width (mm)	
10		6		16		25	
20		10		25		32	
25		16		32		50	
50		25		50		75	
		32		75		100	
		50		100		150	
		75		150		200	
		100					
P	3mm	P	5mm	P	10mm	P	20mm
H	1.9mm	H	2.7mm	H	4.5mm	H	8mm
H _i	1.1mm	H _i	1.2mm	H _i	2.5mm	H _i	5mm

STD 5M Std. width (mm)		STD 8M Std. width (mm)	
10		10	
15		12	
25		15	
50		20	
		30	
		50	
		85	
P	5mm	P	8mm
H	3.4mm	H	5.1mm
H _i	1.91mm	H _i	3.05mm



*Only with Kevlar cords and reduced number of cords



P1 Std. width (mm)		P2 Std. width (mm)		P4 Std. width (mm)	
10		25		25	
20		50		50	
		75		100	
		100			
H	1mm	H	2mm	H	4mm

