

PLASTIC CONVEYOR BELTS

Timing belt



TOP-Characteristics

- Suitable for large centre distances
- Low stress on rollers and bearings
- Low costs, low maintenance
- Smooth, silent running
- Perfect positioning



Our timing belts are the preferred choice when it comes to perfectly positioned, synchronous conveying and smooth power transmission. Their mechanical characteristics are as attractive as is their cost efficiency. Depending on the application and customer needs, a variety of configurations are available that are also capable of accommodating any coating need.

INDUSTRIES

Food | Printing industry, folding boxes and cartons | Hygiene products industry

APPLICATION AREAS

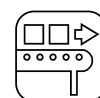
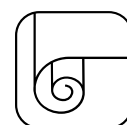
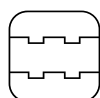
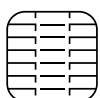
Conveyor machines | Linear units | Packaging equipment

MATERIALS

Duroplastic (PU) | Kevlar tension members | Steel tension members | Thermoplastic PU | Without added recycled materials

MIN. TEMPERATURE

-20° C



MAX. TEMPERATURE

+80° C

SPECIAL FEATURES

Chemical resistance to oils, greases and petrol, | hydrolysis and ageing-resistant

SPECIAL VERSIONS

Coating as requested and depending on application | Surface ground or milled | Variable tooth and splice distribution | With cleats | With profiles






Timing belt



Timing belt

TIMING BELTS –
DIMENSIONS + MATERIAL

Meets all requirements: type overview									
	Technical data						Toothed washers		
	Type	Pitch [mm]	Standard width [mm]	Standard Incision marks	Max. permissible tractive power [N] with a width of 50 and/or 50.8 and/or 55 mm	Max. permissible tractive power [N] with a width of 50 and/or 50.8 and/or 55 mm (welded)	Minimum number of teeth (with/ without counter bending)*	Toothed washer Ø [mm] (with/without counter bending)*	Tensioning pulley Ø [mm] (with/without counter bending)*
	T5	5	150	6 x 25 9 x 16 4 x 32 3 x 50	1962	981	10/15	15/23	30/30
	T10	10	150	6 x 25 9 x 16 4 x 32 3 x 50	4115	2058	12/20	36/62	60/60
	T20	20	150	6 x 25 9 x 16 4 x 32 3 x 50	6410	3205	15/25	93/156	120/120
	XL	5.08	101.6	5 x 19,1 4 x 25,4	1603	801	10/15	15/23	30/30
	L	9.525	101.6	5 x 19,1 4 x 25,4	3833	1917	15/20	45/60	60/60
	H	12.7	152.6	6 x 25,4	3828	1914	14/20	55/80	60/80
	XH	22.225	150	6 x 25 9 x 16 4 x 32 3 x 50	6333	3167	18/20	125/139	120/150
	AT5	5	150	6 x 25 9 x 16 4 x 32 3 x 50	3077	1538	15/25	22/38	30/60
	AT10	10	150	6 x 25 9 x 16 4 x 32 3 x 50	7692	3846	15/25	46/78	50/120
	AT20	20	150	6 x 25 9 x 16 4 x 32 3 x 50	8205	4103	18/25	112/156	120/180
	ATL5	5	150	6 x 25 9 x 16 4 x 32 3 x 50	4692	2346	25/25	38/38	40/60
	ATL10	10	150	6 x 25 9 x 16 4 x 32 3 x 50	12769	6385	25/25	78/78	80/150
	HTD 5 M	5	150	6 x 25 9 x 16 4 x 32 3 x 50	7821	3910	16/20	24/30	50/50
	HTD 8 M	8	150	6 x 25 9 x 16 4 x 32 3 x 50	7170	3585	18/18	44/44	50/120
	HTD 14 M	14	150	4 x 25 3 x 32 2 x 55 1 x 85	11533	5767	28/28	122/122	120/180