

MEGALINEAR



MEGADYNE

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MEGALINEAR H WIDE OPEN-END

BELT CHARACTERISTICS

STANDARD WIDTHS (inch)	800	1000	1200	1600	2000
STANDARD WIDTHS (mm)	203,2	254	304,8	406,4	508
Weight (gr/m)	410	510	615	820	1020

Standard compound: **white Polyurethane thermoplastic 92 ShA**

Standard back cover: **none**

Standard tooth cover: **none**

Standard cords: **S and Z torsion kevlar at pitch 3,2 mm**

Standard width tolerance: **+/- 0,2 mm**

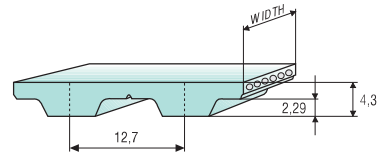
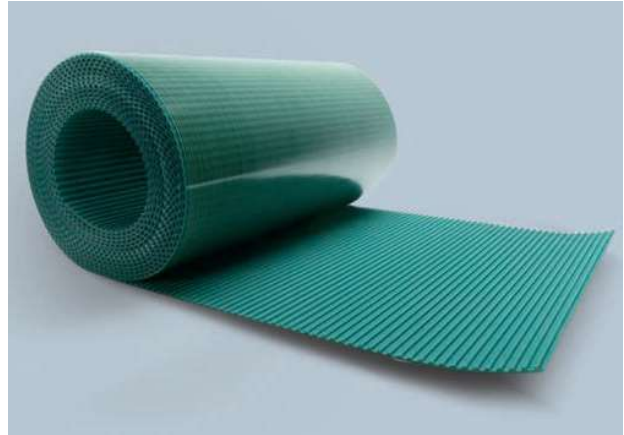
Standard thickness: **4,3 +/- 0,3 mm**

Standard length tolerance: **+/- 0,8 mm/m**

Standard roll length: **100 m**

Belt options on request with minimum quantity:

- Nylon fabric back
- Nylon fabric teeth
- Antistatic nylon fabric
- Transparent FDA compound



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000
F _{p spec} (N/cm)	31	30	29	29	28	27	25	24	23	21	20	19

Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (inch)		800	1000	1200	1600	2000
Kevlar	Max Traction Load (N)	8350	10260	12310	16415	20520
	Breaking Strength (N)	29240	35910	43090	57455	71820
	Elongation at MTL (mm/m)	8	8	8	8	8

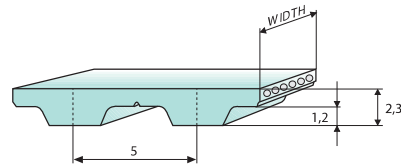
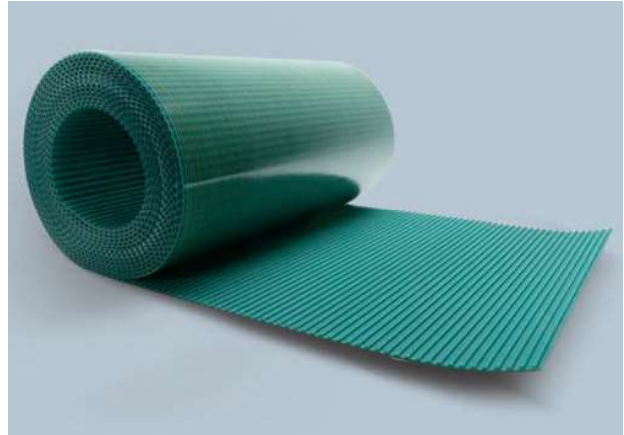
Average values

MEGALINEAR T5 WIDE OPEN-END

BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	250	500
Weight (gr/m)	500	1000

Standard compound: **white Polyurethane thermoplastic 90 ShA**
 Standard back cover: **none**
 Standard tooth cover: **none**
 Standard cords: **S and Z torsion Kevlar at pitch 3,5 mm**
 Standard width tolerance: **+/- 2 mm**
 Standard thickness: **2,3 +/- 0,15 mm**
 Standard length tolerance: **+/- 0,8 mm/m**
 Standard roll length: **100 m**
 Belt options on request with minimum quantity:
 Nylon fabric back
 Nylon fabric teeth
 Transparent FDA compound



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000
F _{p spec} (N/cm)	17	16	16	15	15	15	14	13	13	12	12	11

Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

Belt width (inch)		250	500
Kevlar	Max Traction Load (N)	5300	10600
	Breaking Strength (N)	18550	37100
	Elongation at MTL (mm/m)	8	8

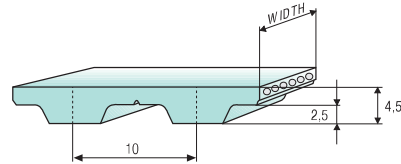
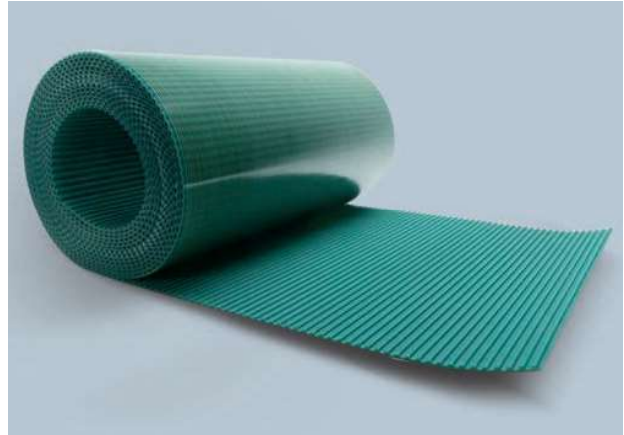
Average values

MEGALINEAR T10 WIDE OPEN-END

BELT CHARACTERISTICS

STANDARD WIDTHS (mm)	200	250	300	400	450	500
Weight (gr/m)	410	510	615	820	920	1020

Standard compound: **white Polyurethane thermoplastic 90 ShA**
 Standard back cover: **none**
 Standard tooth cover: **none**
 Standard cords: **S and Z torsion Kevlar at pitch 3,5 mm**
 Standard width tolerance: **+/- 2 mm**
 Standard thickness: **4,5 +/- 0,3 mm**
 Standard length tolerance: **+/- 0,8 mm/m**
 Standard roll length: **100 m**
 Belt options on request with minimum quantity:
 Nylon fabric back
 Nylon fabric teeth
 Antistatic Nylon fabric
 Transparent FDA compound



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000
F _{p spec} (N/cm)	36	34	34	33	32	31	29	27	26	25	23	22

Minimum suggested number of teeth in clamp for linear movement: 7

TRACTION RESISTANCE

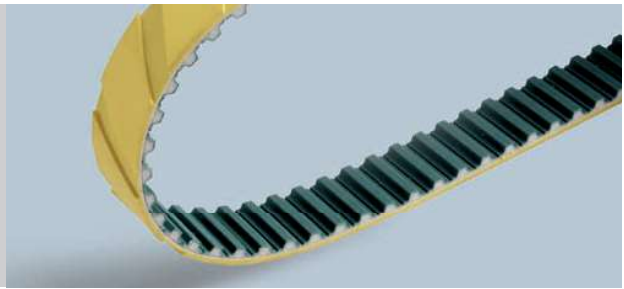
Belt width (inch)		200	250	300	400	450	500
Kevlar	Max Traction Load (N)	8350	10255	12310	16560	18610	20810
	Breaking Strength (N)	29240	35905	43090	57965	65150	72845
	Elongation at MTL (mm/m)	8	8	8	8	8	8

Average values

SPECIAL EXECUTION PHOTOS

Glass Industry

Coating and special grinding on the back allow Megadyne belt to be suitable to all customer applications



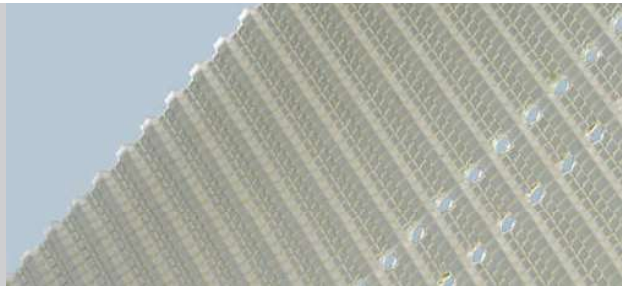
Tobacco industry

Belt with special cleats for tobacco industry



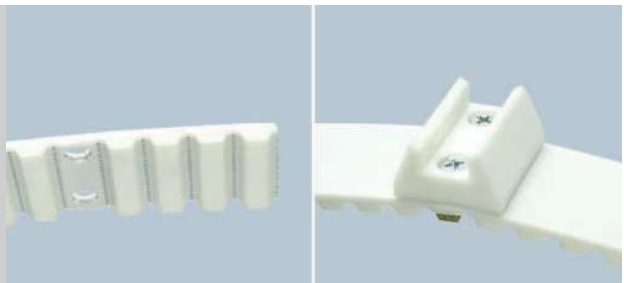
Nappy industry

Wide extruded belt for nappy industry



Packaging industry

Special reworking to install custom made elements



Automotive industry

Belt suitable to convey steel coils and plates due to guides on the back



Paper industry

Special extruded belt for vacuum conveyor application in paper industry



BELARUS

Minsk
Phone +375 17 2802486
Info.ee@megadynegroup.com

BRASIL

Sorocaba
Phone +55 15 2101 7700
inquiries@jasonindustrial.com

CANADA

Edmonton
Phone: +1 780 461 4400
inquiries@jasonindustrial.com

Milton

Phone: +1 905 878 0532
info@samplabelting.ca

Montreal

Phone: +1 514 31 2341
inquiries@jasonindustrial.com

Toronto

Phone: +1 905 602 4400
inquiries@jasonindustrial.com

CHINA

Beijing
Phone +86 10 8150 7478
info.cn@megadynegroup.com

Foshan

Phone +86 757 83815530
info.cn@megadynegroup.com

Fujiang

Phone +86 595 8816 0309
info.cn@megadynegroup.com

Ningbo

Phone +86 574 8650 2886
info.cn@megadynegroup.com

Qingdao

Phone +86 532 8765 2117
info.cn@megadynegroup.com

Shanghai

Phone +86 21 5447 1473
info.cn@megadynegroup.com

Shenyang

Phone +86 24 2572 3238
info.cn@megadynegroup.com

COLOMBIA

Cartagena
Phone: 011 57 313 501 5397
inquiries@jasonindustrial.com

CZECH REPUBLIC

Praha
Phone +420 2 8481 7181
office.cz@megadynegroup.com

FRANCE

Paris
Phone +33 1 6079 8200
info.fr@megadynegroup.com

St. Jean De Maurienne

Phone +33 4 7964 0613
info.fr@megadynegroup.com

GERMANY

Borchen
Phone +49 5251 8735 0
info.de@megadynegroup.com

Elchingen

Phone +49 7308 9665 0
produktion@megadynegroup.com

HUNGARY

Budapest
Phone +36 23 428 628
info.hu@megadynegroup.com

ITALY

Turin
Phone +39 011 926 8052
info@megadynegroup.com

Milan

Phone +39 039 689 601
info@samplabelting.com

MEXICO

Mexico C.P.
Phone +52 55 5587 3680
inquiries@jasonindustrial.com

POLAND

Bydgoszcz
Phone +48 52 348 77 12
info.pl@megadynegroup.com

SOUTH AFRICA

Johannesburg
Phone +27 (0)12 661 1652
info.sa@megadynegroup.com

Cape Town

Phone +27 (0)21 9820772
sales.za@megadynegroup.com

SPAIN

Barcelona
Phone +34 93 811 5450
info.sp@megadynegroup.com

SWEDEN

Kristianstad
Phone +46 10 1309600
info.se@megadynegroup.com

THAILAND

Bangkok
Phone: +66 (0) 27115477
info.apac@megadynegroup.com

TURKEY

Izmir
Phone +90 232 877 07 00
info@rultrans.com.tr

U.K.

Birmingham
Phone: +44 1384 215 021
sales@megadynegroup.com

U.S.A

California
Phone +1 323 265 8061
inquiries@jasonindustrial.com

Florida

Phone +1 813 241 4111
inquiries@jasonindustrial.com

Georgia

Phone +770 887-9725
inquiries@jasonindustrial.com

Illinois

Phone: +1630 752 0600
inquiries@jasonindustrial.com

New Jersey Americas HQ

Phone +1 973 227 4904
inquiries@jasonindustrial.com

North Carolina

Phone +1 704 583 5388
inquiries@jasonindustrial.com

Oregon

Phone +1 888 231 7224
inquiries@jasonindustrial.com

South Carolina

Phone +1 864 288 9916
inquiries@jasonindustrial.com

Texas

Phone +1 972 438 6992
inquiries@jasonindustrial.com

HEADQUARTERS**ITALY Torino**

Via S. Lucia, 114
10075 Mathi (Torino)
Phone +39 011 926 8052
info@megadynegroup.com

www.megadynegroup.com

www.jasonindustrial.com

www.samplabelting.com

