

FOOD CONTACT

Timing Belts



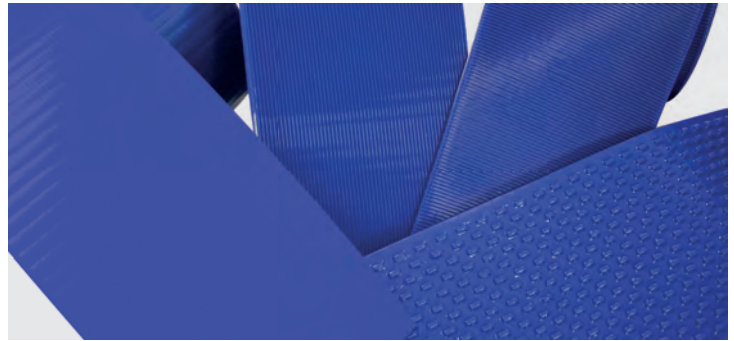
MEGADYNE

MEGALINEAR FC

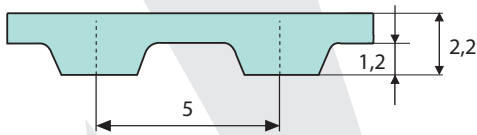
MEGALINEAR FC is a new range of belts of the **MEGALINEAR** family. Specifically introduced for the food processing industry, **MEGALINEAR FC** is manufactured with food contact approved materials, according to European regulations EU 1935/2004, EU 10/2011 and EU 174/2015. Manufactured in T5/T10 pitch without nose gap between the teeth and available with a variety of backing profiles, for all kinds of conveying and processing applications. These advanced FDA synchronous belts, have excellent resistance to chemicals and corrosion, certified for wet and dry food contact. Their use is particularly prevalent in a variety of applications in food processing and packaging. The homogenous belt design ensures a significantly greater service life, with a high level of hygienic integrity.

- No risk of slippage, even in greasy and humid environment
- Zero risk of fraying and detaching of back profile
- Used even at the smallest bending diameter, with small drive pulleys
- Standard compound: **dark blue Polyurethane thermoplastic 85 ShA**
- Standard cords: **S and Z torsion Kevlar**

Working temperature -25°C/+80°C



T5



STANDAR WIDTH (mm)	25	32	50	75	100	150
Width tolerance(mm)	+/- 0,25	+/- 0,25	+/- 0,5	+/- 0,5	+/- 0,75	+/- 0,75

SMOOTH SURFACE

Total Thickness : **2,8 +/- 0,3 mm**
 Height of the profile: **0 mm**
 Standard roll length: **50 m**

LONGITUDINAL RIBBED SURFACE

Total Thickness : **4,0 +/- 0,3 mm**
 Height of the profile: **1,25 mm**
 Standard roll length: **50 m**

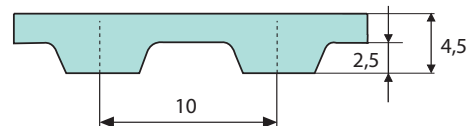
TRANSVERSAL RIBBED SURFACE

Total Thickness : **4,0 +/- 0,3 mm**
 Height of the profile: **1,25 mm**
 Standard roll length: **50 m**

NOPPEN OVAL SURFACE

Total Thickness : **5,2 +/- 0,3 mm**
 Height of the profile: **2,1mm**
 Standard roll length: **50 m**

T10



STANDAR WIDTH (mm)	25	32	50	75	100	150
Width tolerance(mm)	+/- 0,25	+/- 0,25	+/- 0,5	+/- 0,5	+/- 0,75	+/- 0,75

SMOOTH SURFACE

Total Thickness : **4,8 +/- 0,3 mm**
 Height of the profile: **0 mm**
 Standard roll length: **50 m**

LONGITUDINAL RIBBED SURFACE

Total Thickness : **6,05 +/- 0,3 mm**
 Height of the profile: **1,25 mm**
 Standard roll length: **50 m**

TRANSVERSAL RIBBED SURFACE

Total Thickness : **6,05 +/- 0,3 mm**
 Height of the profile: **1,25 mm**
 Standard roll length: **50 m**

NOPPEN OVAL SURFACE

Total Thickness : **7,7 +/- 0,3 mm**
 Height of the profile: **2,1 mm**
 Standard roll length: **50 m**

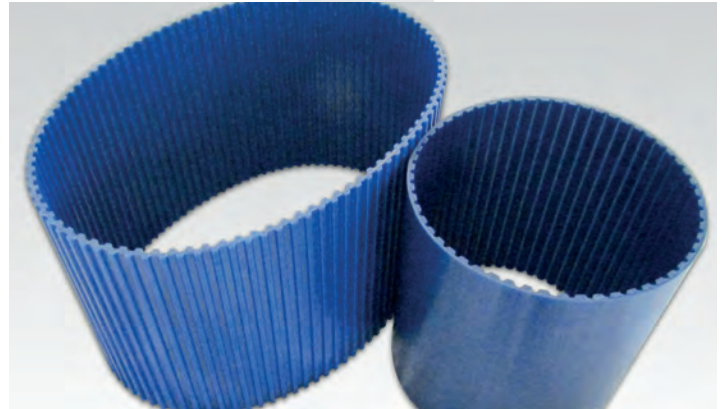
ROOF SURFACE

Total Thickness : **6,2 +/- 0,3 mm**
 Height of the profile: **1,7 mm**
 Standard roll length: **50 m**

MEGAPOWER FC

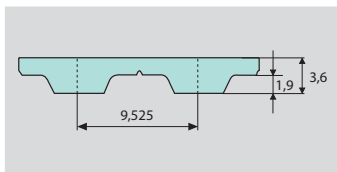
MEGAPOWER FC is a new range of belts of the **MEGAPOWER** family. Specifically introduced for the food processing industry, **MEGAPOWER FC** is manufactured with food contact approved materials, according to European regulations EU 1935/2004, EU 10/2011 and EU 174/2015. These advanced synchronous belts, have excellent resistance to chemicals and corrosion. Their use is particularly prevalent in a variety of applications in food processing and packaging.

- Resistance to most cleaning chemicals and humid, wet environments
- High acceleration, synchronizing and multi stop/start
- Designed for wash-down conditions
- Standard compound: **Thermoset PU 88 ShA dark blue RAL 5002**
- cords: **Z Twisted stainless Steel AISI 304**
- Back profile: **on request with additional mold costs**
- Thermal working range tolerance (C°): **+/- 5**



Working temperature -25°C/+80°C

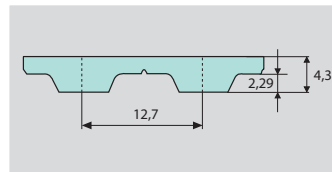
L



STD. BELT WIDTH (mm)	12,7 (050")	19,1 (075")	25,4 (100")
PULLEY WIDTH B2 (mm)	19	25,4	29,7
BELT WEIGHT (gr/cm)	0,437	0,661	0,878

Standard belt width tolerance: **+/- 0,80 mm**
 Standard sleeve width tolerance: **+/- 10 mm**
 Standard thickness tolerance: **+/- 0,30 mm**

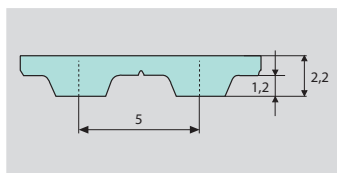
H



STD. BELT WIDTH (mm)	19,1 (075")	25,4 (100")	38,1 (150")	50,8 (200")	76,2 (300")
PULLEY WIDTH B2 (mm)	25,4	29,7	46	59	85
BELT WEIGHT (gr/cm)	0,745	1,059	1,594	2,121	3,194

Standard belt width tolerance: **+/- 0,80 mm**
 Standard sleeve width tolerance: **+/- 10 mm**
 Standard thickness tolerance: **+/- 0,30 mm**

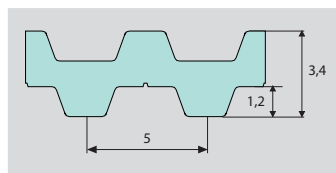
T5



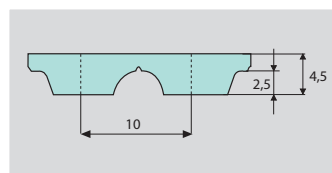
STD. BELT WIDTH (mm)	6	8	10	12	16	20	25
PULLEY WIDTH B2 (mm)	12	13	15	17	21	25	30
BELT WEIGHT (gr/cm)	0,116	0,152	0,194	0,237	0,249	0,390	0,497

Standard belt width tolerance: **+/- 0,50 mm**
 Standard sleeve width tolerance: **+/- 10 mm**
 Standard thickness tolerance: **+/- 0,15 mm**

T5 DD



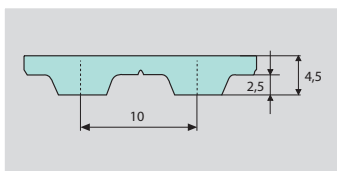
AT10



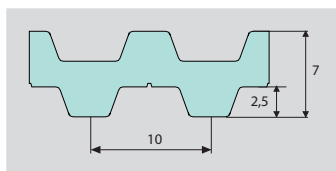
STD. BELT WIDTH (mm)	10	12	16	20	25	32	50	75
PULLEY WIDTH B2 (mm)	15	17	21	25	30	37	56	80
BELT WEIGHT (gr/cm)	0,578	0,707	0,952	1,184	1,469	1,905	3,005	4,344

Standard belt width tolerance: **+/- 0,50 mm**
 Standard sleeve width tolerance: **+/- 10 mm**
 Standard thickness tolerance: **+/- 0,30 mm**

T10



T10 DD



STD. BELT WIDTH (mm)	10	12	16	20	25	32	50	75
PULLEY WIDTH B2 (mm)	15	17	21	25	30	37	56	80
BELT WEIGHT (gr/cm)	0,494	0,504	0,683	0,861	1,082	1,386	2,174	3,276

Standard belt width tolerance: **+/- 0,50 mm**
 Standard sleeve width tolerance: **+/- 10 mm**
 Standard thickness tolerance: **+/- 0,30 mm**

Tooth shear resistance 25 % less of values declared Megapower catalog pitches pages
 Transmittable power 25 % less of values declared on Megapower catalog pitches pages