

**CHIORINO**<sup>®</sup>  
1906

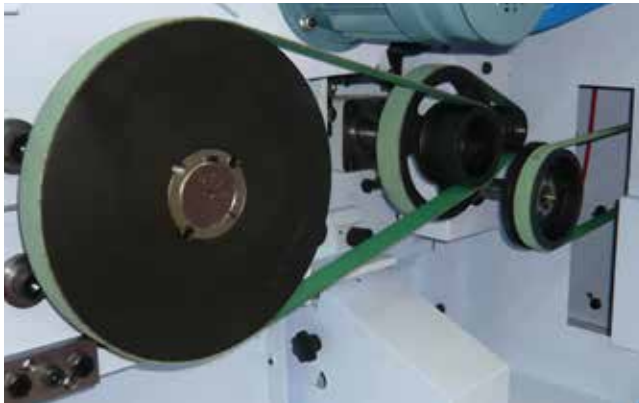
*Passion for belting*

**Your partner  
for energy saving  
and production safety**

## Power transmission belts



**T Series**



# Power transmission belts

You can choose from the Chiorino **Thermoplastic** power transmission belts for high speed machines, when your main goal is to reduce energy consumption, or you can decide for the robust and resilient **Polyamide** power transmission belts, especially known for their reliability and safety.

## T-A

Aramid belt  
with **CHIO-TPE™**  
intermediate layer



### KEY FEATURES

- Reduced energy consumption
- Highly flexible traction layer
- High Modulus of belt elasticity run at very low initial working tension
- Adhesive free jointing method
- Excellent service life

### APPLICATION CRITERIA

- Suitable for long machines with limited take-up
- Low spindle rpm deviation from first to last spindle, leading to uniform yarn twist
- High transmittable power

## T-E

Polyester belts  
with **CHIO-TPE™**  
intermediate layer



### KEY FEATURES

- High longitudinal flexibility
- High modulus of belt elasticity
- High internal adhesion
- No rubber cracking
- Quiet Running
- Simple & easy installation
- Adhesive free jointing method
- Reduced energy consumption
- Long service life

### APPLICATION CRITERIA

- Suitable for high speed machines with small pulley diameters and numerous reverse bendings
- Suitable for long machines with limited take-up
- Suitable for long, highspeed machines

## T HS

Polyamide belts  
with **HS®** elastomer cover



### KEY FEATURES

- Permanently Antistatic
- Excellent wear resistance
- Robust, resilient & dimensionally stable polyamide
- Long Service Life
- Resistant to oil
- High temperature resistance
- Low aging property of the HS® elastomer
- Constant coefficient of friction

### APPLICATION CRITERIA

- Suitable for high mechanical stress
- Suitable for aggressive acceleration
- Suitable for extreme environments
- Suitable for short term overload

# Technical data

Code	Type	Top and driving surface	Top colour	Traction core	Perm. antist.	Total thickn.	Min. diam. <sup>(1)</sup>	K1% rel.	Temperature resistance		Carding	Draw frame	OE spinning	Ring spinning	TFO Spun yarn	TFO Filament	Draw textured Yarn	Covering	Overhead cleaner	Circular knitting
									min. °C	max. °C										
						mm	mm	N/mm												

## Thermoplastic belts with CHIO-TPE™ intermediate layer

T-A Aramid																				
CG256	<b>T60/30A</b>	Elastomer	●	Aramid	✓	3.00	80	60	-20	80						✓				
T-E Polyester																				
CG325	<b>T25/20E</b>	Elastomer	●	Polyester	✓	2.00	25	15	-20	80	✓	✓		✓						
CG331	<b>T25/25E</b>	"	●	"	✓	2.50	40	15	-20	80	✓	✓	✓	✓		✓		✓		
CG329	<b>T40/25E</b>	"	●	"	✓	2.50	50	19	-20	80			✓	✓		✓		✓		
CG332	<b>T40/30E</b>	"	●	"	✓	3.00	50	19	-20	80				✓						
CG328	<b>T55/30E</b>	"	●	"	✓	3.00	50	21	-20	80				✓	✓		✓			

## Polyamide belts with HS® elastomer cover

CG334	<b>T0 HS</b>	HS® Elastomer	●	Polyamide	✓	1.40	20	2	-20	100										✓
CG335	<b>T1 HS</b>	"	●	"	✓	1.50	25	5	-20	100										✓
CG341	<b>T1R HS</b>	"	●	"	✓	2.10	25	5	-20	100	✓					✓				✓
CG336	<b>T2 HS</b>	"	●	"	✓	2.35	60	8	-20	100		✓				✓		✓	✓	✓
CG342	<b>T2R HS</b>	"	●	"	✓	3.00	60	8	-20	100						✓			✓	✓
CG337	<b>T3 HS</b>	"	●	"	✓	2.60	100	11	-20	100	✓	✓	✓			✓		✓		
CG343	<b>T3R HS</b>	"	●	"	✓	3.20	100	11	-20	100				✓		✓				
CG338	<b>T4 HS</b>	"	●	"	✓	3.10	150	12.5	-20	100	✓			✓	✓		✓			
CG344	<b>T4R HS</b>	"	●	"	✓	3.90	150	12.5	-20	100				✓	✓		✓			
CG345	<b>T4-15 HS</b>	"	●	"	✓	3.10	150	15	-20	100	✓			✓	✓		✓			
CG339	<b>T6 HS</b>	"	●	"	✓	3.50	200	18	-20	100				✓			✓			

(1) The diameter values listed here are dependent upon the running speed. The data in this chart are valid under normal environmental conditions and are subject to change without notice.

# Customer benefits

## Thermoplastic belts with CHIO-TPE™ intermediate layer

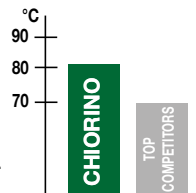
### Reduced energy consumption

Chiorino thermoplastic belts consume less energy compared with competitors thermoplastic belts, thanks to the highly flexible CHIO-TPE™ intermediate layer.



### High temperature resistance

Chiorino thermoplastic belts provide a higher temperature resistance compared with competitor thermoplastic belts, thanks to the unique CHIO-TPE™ intermediate layer.



### Reliable FASTJOINT

The FAST JOINT technology in combination with the new CHIO-TPE™ intermediate layer, enables easy on-site joining, high reliability and long service life.



## Polyamide belts with HS® elastomer cover

### High abrasion resistance

The unique HS® friction covers provide an excellent abrasion resistance and a uniform coefficient of friction over time.



### Excellent resilience

The unique HS® elastomer offers outstanding resilience, high elasticity and crack resistance.



### Long service life

Chiorino polyamide belts provide a long service life, thanks to the low aging property of the HS® covers.



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Chiorino operates all over the world through the Group companies and more than 100 distributors.

More info on [www.chiorino.com](http://www.chiorino.com)

