

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

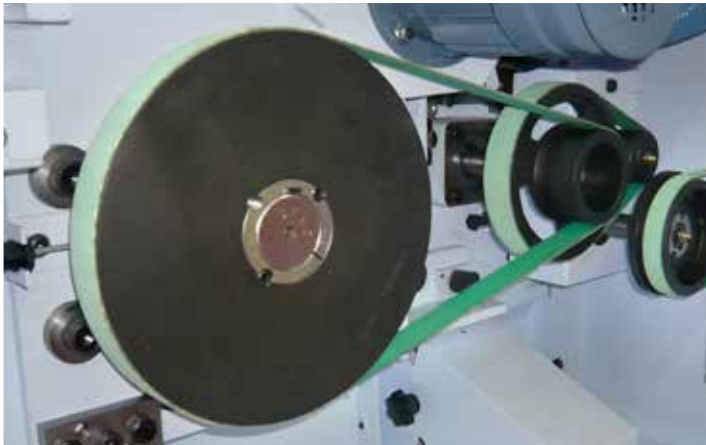
Power transmission belts





Power transmission belts

You can choose from the new Chiorino Polyester 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-E series

Polyester belts with *CHIO-TPE™* intermediate layer



Key features

- High longitudinal flexibility
- High modulus of belt elasticity
- Uniform belt thickness, gentle and vibration free running

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 having many bearings and pulleys

T HS series

Polyamide belts with *HS®* elastomer cover



Key features

- Robust and resilient
- Suitable for short term overload
- High temperature resistance

Application criteria

- Suitable for high mechanical stress
- Suitable for aggressive acceleration
- Suitable for extreme environments

Technical data

Type	Top surface	Driving surface	Permanent antistatic	Total thickness	Minimum diameter ⁽¹⁾	K1% rel.	Temperature resistance	
	material	material					min. °C	max. °C
Polyester belts with <i>CHIO-TPE</i> intermediate layer								
T20/20E	elastomer	elastomer	•	2.0	25	12	-20	80
T20/25E	"	"	•	2.5	40	12	-20	80
T30/25E	"	"	•	2.5	50	18	-20	80
T30/30E	"	"	•	3.0	50	18	-20	80
T40/30E	"	"	•	3.0	50	20	-20	80
Polyamide belts with <i>HS</i> elastomer cover								
T0 HS	HS® elastomer	HS® elastomer	•	1.4	20	2	-20	100
T1 HS	"	"	•	1.5	25	5	-20	100
T1R HS	"	"	•	2.1	25	5	-20	100
T2 HS	"	"	•	2.3	60	7	-20	100
T2R HS	"	"	•	3.0	60	7	-20	100
T3 HS	"	"	•	2.6	100	10	-20	100
T3R HS	"	"	•	3.2	100	10	-20	100
T4 HS	"	"	•	3.1	150	15	-20	100
T4R HS	"	"	•	3.9	150	15	-20	100
T6 HS	"	"	•	3.5	200	20	-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

Polyester belts with *CHIO-TPE*™ intermediate layer

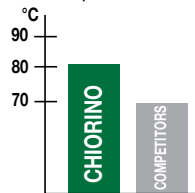
Reduced energy consumption

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



High temperature resistance

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



Reliable FASTJOINT

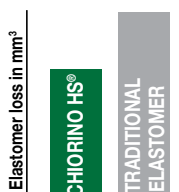
The FAST JOINT technology in combination with the new *CHIO-TPE*™ intermediate layer, enables easy on-site joining, high reliability and long service life.



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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