

CHIORINO[®]
1906

Passion for belting

Thermoplastic machine tapes for the Paper and Printing industry

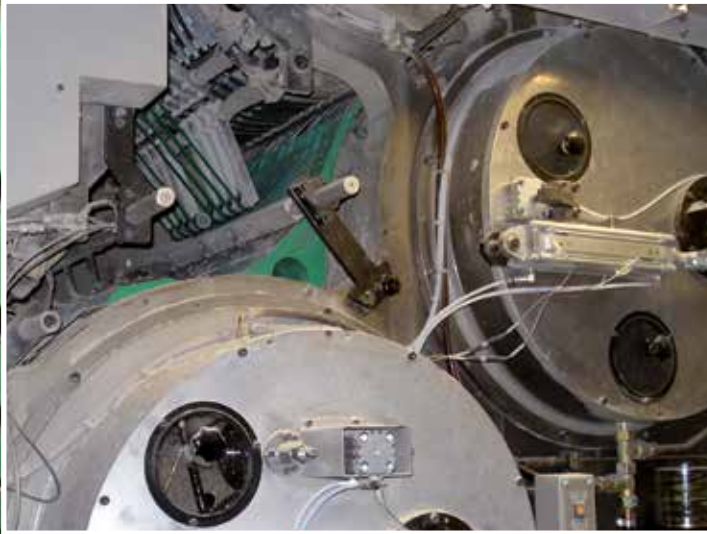
**Partner
for excellence in paper converting**



PT[®]



Thermoplastic machine tapes



PT® Fast Joint machine tapes in thermoplastic materials are designed to offer excellent performances, total reliability and extremely rapid replacement in the Paper and Printing sector:

- Paper processing
- Rotary and commercial printing
- Folding and binding industry

PT® Machine tapes features

Paper processing

- Excellent resistance to abrasion
- Optimal coefficient of friction and optimal traction of any type of paper
- They do not mark the paper
- High mechanical resistance

Printing industry

- Maximum feed precision of any type of paper
- Extremely high resistance to chemicals and printing inks
- Suitable to high speeds
- Excellent resistance to abrasion

Optimized cost of ownership

The benefits of the PT® machine tapes translate into a remarkable **Time, Energy and Maintenance saving** for the end user.



Technical data

Code	Type	Traction core	Top side		Bottom side		Total thickness	Minimum diameter ¹	Pull for 1% elongation	Min. temperature resistance	Max. temperature resistance	Top side coefficient of friction ²	Accelerator	Accumulator and transfer	Stacking	Discharge	Wrapping	Paper processing		Printing industry	
			●	○	●	○												mm	mm	N/mm	°C
CG187	PT0.9 0-0	PET-PA	fabric ⁴ ●	fabric ⁴ ●	0.9	10	5	-20	100	LF									✓		
CG197	PT0.9 0-0 N	PET-PA	fabric ⁴ ○	fabric ⁴ ●	0.9	10	5	-20	100	LF									✓		
NA1472	PT1.0 0-G2	PET	SR ●	fabric ⁴ ●	1.0	15	6	-20	100	MF							✓				✓
NA1034	PT1.0 0-U4	PET	TPU ●	fabric ⁴ ●	1.0	10	5	-20	100	HF	✓	✓	✓							✓	✓
NA1111	PT1.0 U1-U3	PET	TPU ●	TPU ●	1.0	10	5	-20	100	HF	✓	✓	✓							✓	✓
NA1230	PT1.2 0-G2 FL	PET	SR ●	fabric ⁴ ●	1.2	25	6	-20	100	MF							✓				✓
NA1029	PT1.2 U2-U5	PET	TPU ●	TPU ●	1.2	20	5	-20	100	HF	✓	✓	✓							✓	✓
NA1110	PT1.2 0-U2	PET	TPU ●	fabric ⁴ ○	1.2	20	6	-20	100	HF	✓	✓	✓							✓	✓
NA1508	PT1.2/3 0-0	PET	PA ●	PA ●	1.2	20	8	-20	100	LF									✓		
NA1178	PT1.4 G3-G3	PET	SR ●	SR ●	1.4	15	6	-20	100	HF										✓	✓
NA1120	PT1.5 0-G3 FL	PET	SR ●	fabric ⁴ ●	1.5	25	6	-20	100	MF	✓	✓	✓	✓							✓
NA1151	PT1.8 0-0	PA	PA ●	PA ●	1.8	20	9	-20	100	LF										✓	
NA1433	PT1.8/3 0-0	PET	PA ●	PA ●	1.8	20	10	-20	100	LF										✓	
NA1024	PT1.8 G1-0	PA	PA ○	SR ●	1.8	20	9	-20	100	LF										✓	

Elastic belts

NA1177	PT1.4 EL G3-G3 FL	---	SR ●	SR ●	1.4	15	2.5 ³	-10	+60	HF	✓	✓	✓						✓	✓	
NA1176	PT1.4 EL G3-G3 SK	---	SR ●	SR ●	1.4	15	2.5 ³	-10	+60	HF	✓	✓	✓							✓	✓

¹ Minimum roller diameter depends on the joint recommended by Chiorino.

The technical data are valid under normal environmental conditions

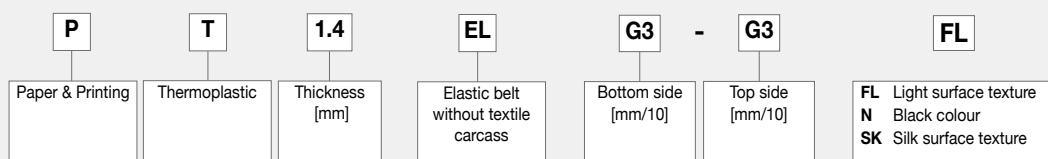
² Top side coefficient of friction: **LF** low, **MF** medium, **HF** high

and are subject to change without notice.

³ EL series belts: pull for 8% elongation.

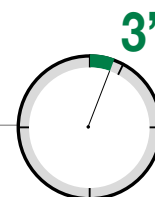
⁴ Fabric with TPU impregnation.

KEY



PET-PA = polyester-polyamide TPU = thermoplastic, polyurethane SR = synthetic elastomer

All thermoplastic machine tapes are antistatic



With the Chiorino **FAST JOINT** equipment, PT® belts can be made endless on site in a few minutes, reducing the maintenance time.

Advantages

- **Ease of use do-it-yourself**
- **Fast execution**
- **High accuracy**
- **No use of adhesives**



Kit Fast Joint P50 FJ

Press with two heated platens, suitable for splicing Chiorino thermoplastic conveyor and transmission belts, that are max. 40 mm wide and 3 mm thick.

Plates sizes (w x l)	50 x 50 mm
Press weight	1.4 kg
Holding plates	2 (20 and 25 mm)
Fastening clamps	2
Cooling clamp	1



Kit Fast Joint P120 FJ

Press with two heated platens, suitable for splicing Chiorino thermoplastic conveyor and transmission belts, that are max. 80 mm wide and 6 mm thick.

Plates sizes (w x l)	100 x 140 mm
Press weight	4 kg
Holding plate	2 (30 and 35 mm)
Fastening clamps	2
Cooling clamp	1

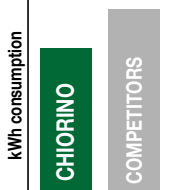


PT[®] Machine tapes benefits

PT[®] thermoplastic belts with CHIO-TPE[™] intermediate layer

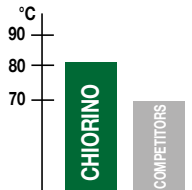
Reduced energy consumption

Chiorino PT[®] machine tapes consume less energy compared with competitors thermoplastic belts, thanks to the highly flexible CHIO-TPE[™] intermediate layer.



High temperature resistance

Chiorino PT[®] machine tapes provide a higher temperature resistance compared with competitor thermoplastic belts, thanks to the unique CHIO-TPE[™] intermediate layer.

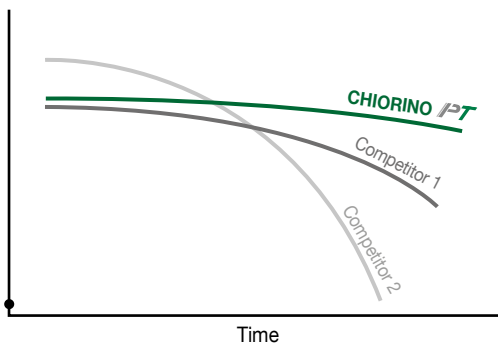


Reliable FASTJOINT

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



Resistance to abrasion (Taber Test)

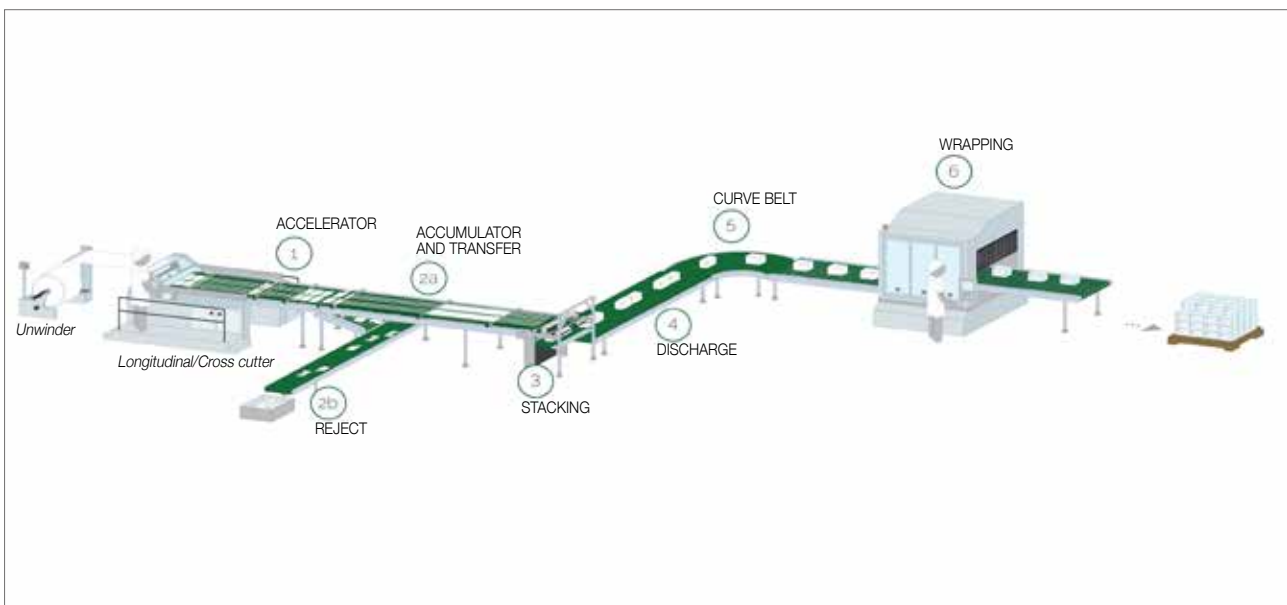


Life time



Results from testing in the paper and printing industry (end users)

Paper processing



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