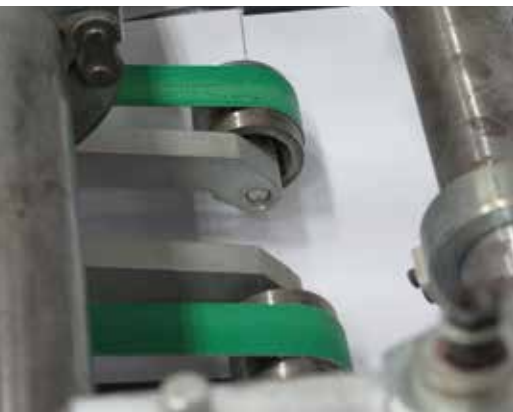


**CHIORINO**<sup>®</sup>  
1906

*Passion for belting*

# Thermoplastic machine tapes for the Paper and Printing industry

**Partner**  
for excellence in paper converting



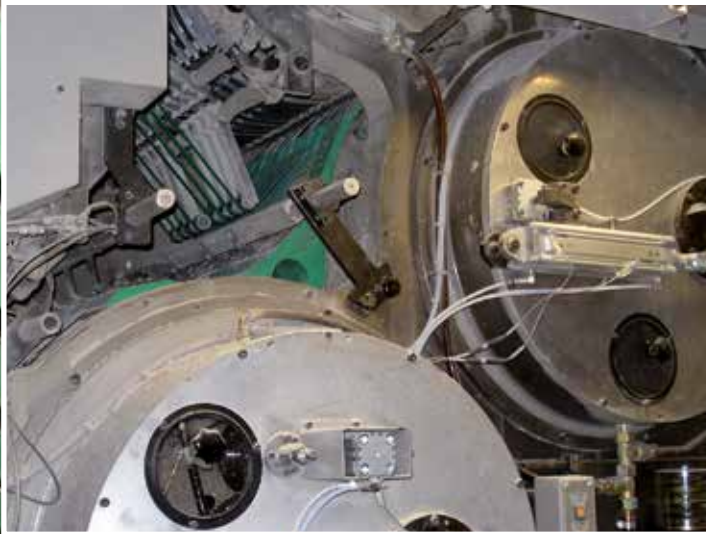
**PT**<sup>®</sup>



## 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

**Fast Joint**

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



# Technical data

Code	Type	Traction core	Top side		Bottom side		Permanent antistatic	Total thickness	Weight	Minimum diameter <sup>1</sup>	Pull for 1% elongation	Max. admissible pull	Min. temperature resistance	Max. temperature resistance	Top side coefficient of friction <sup>2</sup>	Paper processing		Printing industry		
																Cutters	Ream packaging	Rotо-offset /rotogravure folders	Sheet print feeding	Book and manual binding
CG-187	<b>PT0.9 0-0</b>	PET-PA	-	●	-	●	✓	0.9	0.9	10	5	10	-20	+100	LF			✓		
CG-197	<b>PT0.9 0-0 N</b>	PET-PA	-	●	-	●	✓	0.9	0.9	10	5	10	-20	+100	LF			✓		
NA-1034	<b>PT1.0 0-U4</b>	PET	TPU	●	-	●	✓	1.0	1.0	10	5	5	-20	+100	HF	✓	✓		✓	✓
NA-1111	<b>PT1.0 U1-U3</b>	PET	TPU	●	TPU	●	✓	1.0	1.1	10	5	5	-20	+100	HF	✓	✓		✓	✓
NA-1029	<b>PT1.2 U2-U5</b>	PET	TPU	●	TPU	●	✓	1.2	1.3	20	5	5	-20	+100	HF	✓	✓		✓	✓
NA-1110	<b>PT1.2 0-U2</b>	PET	TPU	●	-	○	✓	1.2	1.3	20	6	12	-20	+100	HF	✓	✓		✓	✓
NA-1178	<b>PT1.4 G3-G3</b>	PET	SR	●	SR	●	✓	1.4	1.6	15	6	6	-20	+100	HF	✓	✓		✓	✓
NA-1120	<b>PT1.5 0-G3 FL</b>	PET	SR	●	-	●	✓	1.5	1.8	25	6	12	-20	+100	MF	✓				✓
NA-1151	<b>PT1.8 0-0</b>	PA	-	●	-	●	✓	1.8	1.8	20	9	16	-20	+100	LF			✓		
NA-1024	<b>PT1.8 G1-0</b>	PA	-	○	SR	●	✓	1.8	1.8	20	9	16	-20	+100	LF			✓		

## Elastic belts

NA-1177	<b>PT1.4 EL G3-G3 FL</b>	---	SR	●	SR	●	✓	1.4	1.5	15	2.5 <sup>3</sup>	2.5	-10	+60	HF				✓	✓
NA-1176	<b>PT1.4 EL G3-G3 SK</b>	---	SR	●	SR	●	✓	1.4	1.5	15	2.5 <sup>3</sup>	2.5	-10	+60	HF				✓	✓

<sup>1</sup> Minimum roller diameter depends on the joint recommended by Chiorino.

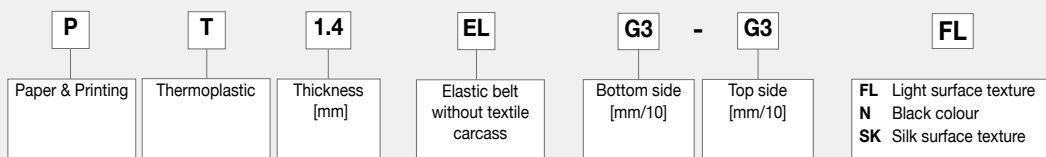
*The technical data are valid under normal environmental conditions*

<sup>2</sup> Top side coefficient of friction: **LF** low, **MF** medium, **HF** high

*and are subject to change without notice.*

<sup>3</sup> EL series belts: pull for 8% elongation.

## KEY



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

With the FAST JOINT KIT Chiorino machine tapes series PT® 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.

### TECHNICAL DATA

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.

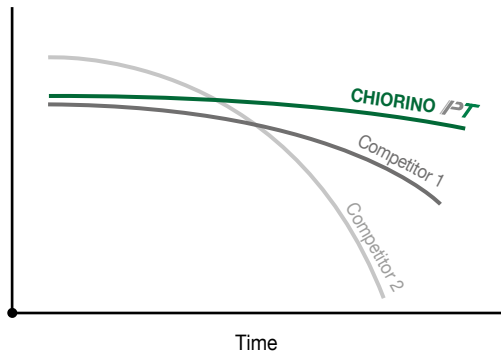
### TECHNICAL DATA

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

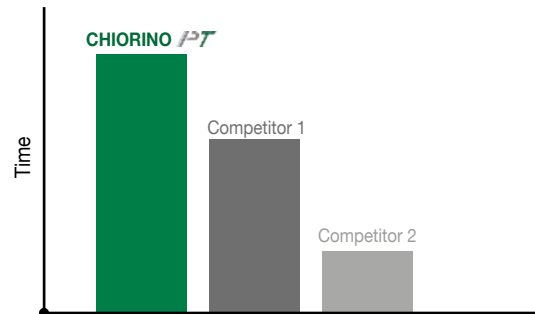


# PT<sup>®</sup> Machine tapes benefits

## Resistance to abrasion (Taber Test)



## Life time

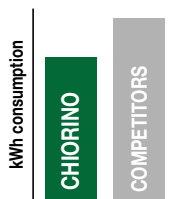


Results from testing in the paper and printing industry (end users)

## PT<sup>®</sup> thermoplastic belts with CHIO-TPE<sup>™</sup> intermediate layer

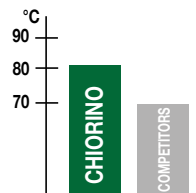
### Reduced energy consumption

Chiorino PT<sup>®</sup> machine tapes consume less energy compared with competitor thermoplastic belts, thanks to the highly flexible CHIO-TPE<sup>™</sup> intermediate layer.



### High temperature resistance

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



### Reliable FASTJOINT

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

**Fast Joint**

## Optimized cost of ownership

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



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