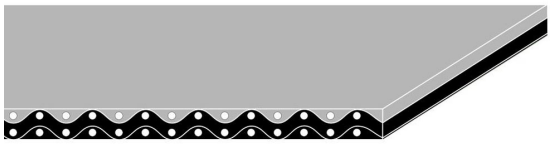
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE CG-197 **TYPE** **PT0.9 0-0 N**

COMPOSITION

Conveying surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Grey
	Coefficient of friction	LF
Textile carcass	Material	Polyester (PET) - polyamide (PA)
	Plies no.	2
	Weft type	Combined
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Black



TECHNICAL SPECIFICATIONS

Total thickness	0.90 mm	*0.04*	*in.*
Weight	0.90 kg/m²	*0.18*	*lbs./sq.ft*
Elongation at 1%	5 N/mm	*29.0*	*lbs./in.*
Max. admissible pull	10 N/mm	*57.1*	*lbs./in.*
Temperature resistance (1) min.	-20 °C	*-4*	*°F*
max.	+100 °C	*212*	*°F*

(1) Use of the belt with limit values may reduce its life.

Minimum roller diameter (2)

Knife edge	no		
Bending roller	10 mm	*0.4*	*in.*
Counter-bending roller	20 mm	*0.8*	*in.*

(2) The above mentioned values depend on the type of CHIORINO joint recommended.

Coefficient of friction on driving surface

Raw steel sheet	0.20 [-]
Laminated plastic/wood	0.25 [-]
Steel roller	0.20 [-]
Rubberized roller	0.30 [-]

Max. production width	1200 mm	*47*	*in.*

SUITABLE FOR

Printing and graphic: rotary printer page folding

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	yes
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances (see file available on line)	5

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments

NOTES

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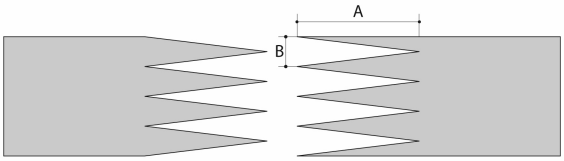
FLAT TRANSMISSION BELTS

JOINING TECHNICAL DATA SHEET

CODE CG-197 **TYPE** **PT0.9 0-0 N**

Recommended joining procedure MICRO Z



A = 30 mm
B = 6 mm

Other joining methods can be used:

SINGLE Z

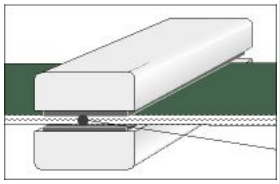
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

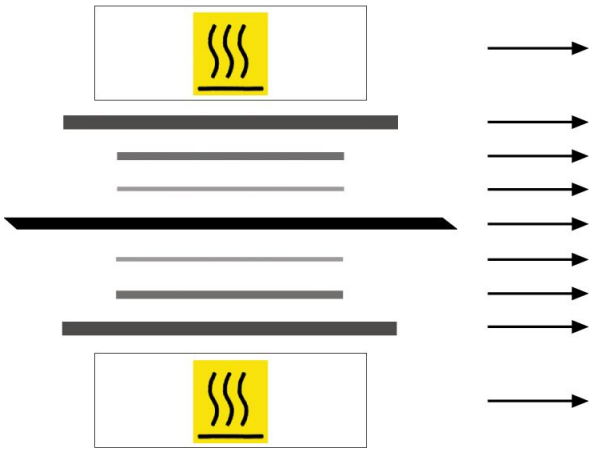
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	1,5 bar
Film	none
Cement	---

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side.
   A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



Upper heated platen

Upper synthetic plate

FL silicone pad (IG-22)

Belt

Belt - adhesive foil on bottom ply (ML-72)

FL silicone pad (IG-22)

Lower synthetic plate

Lower heated platen

• Notes

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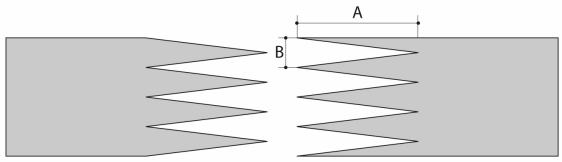
FAST JOINT CONVEYOR AND PROCESS BELTS

BELT JOINTING DATA SHEET

CODE CG-197 **TYPE** **PT0.9 0-0 N**

• Recommended jointing procedure "F35 FAST JOINT" MICRO Z



A = 35 mm
B = 5 mm

Other jointing methods can be used:

Check our general catalogue to get further info on CHIORINO jointing methods.

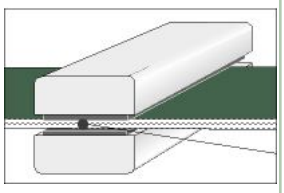
• Pressing

Heating press P50 FJ

Press settings	
Upper platen temperature	180 °C
Lower platen temperature	180 °C
Temperature gauge setting	180 °C
Curing time in press	2 min.
Cooling time	10 min.

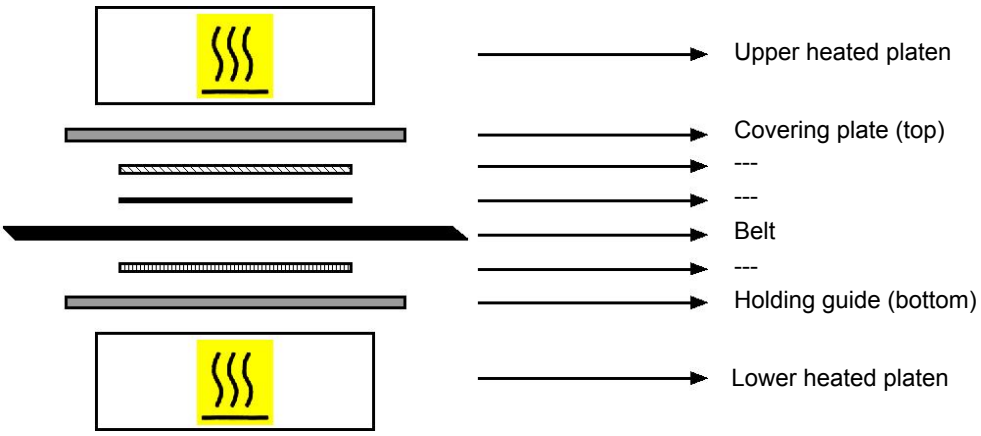
Advice for the press adjustment:

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side.
   A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



• Notes

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