CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

PT0.9 0-0

COMPOSITION

Conveying surface

Material	Fabric with polyurethane (TPU) impregnation	
Thickness	--- mm	--- in.
Surface pattern	Fabric	
Colour	Green	
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/m^2	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 link	5

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

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Recommended joining procedure   MICRO Z - 30 x 6 mm
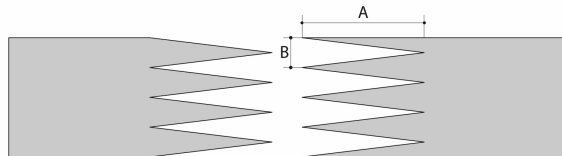
A = 30 mm
B = 6 mm

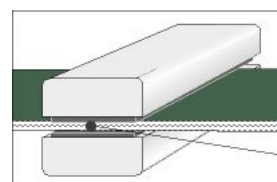**Other joining methods can be used:**

SINGLE Z - 80 x 10 mm

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

• Pressing

Heating press   P \ PL \ PLS

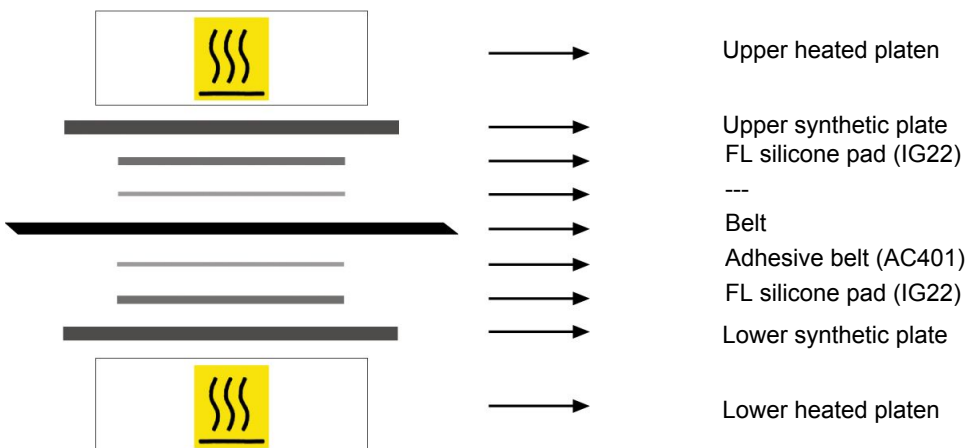| Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

1. Use the KM330 thermo-meter 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 (IG22)

	Belt
	Adhesive belt (AC401)
	FL silicone pad (IG22)
	Lower synthetic plate
	Lower heated platen

• Notes

PRODUCT CODE CG187

Last Update: 30-01-2014

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• Recommended jointing procedure   **"F35 FAST JOINT" MICRO Z**

A = 35 mm
B = 5 mm

Other jointing methods can be used:
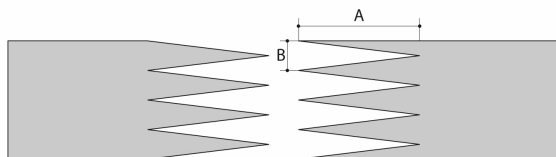
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

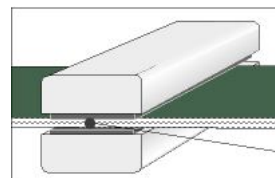**Heating press P50 FJ**

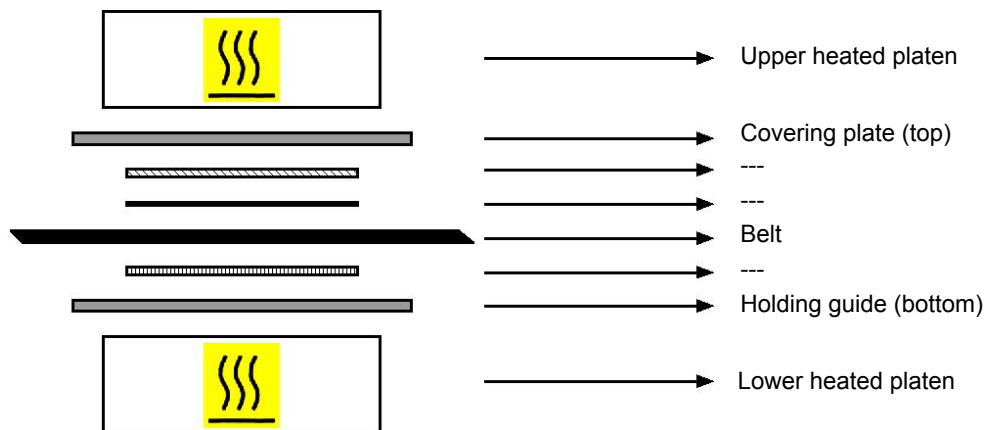| Press settings	
Upper platen temperature	180 °C
Lower platen temperature	180 °C
Temperature gauge setting	180 °C
Curing time in press	2 min.
Cooling time	10 min.

Advice for the press adjustment:

1. Use the KM330 thermo-meter 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

Covering plate (top)

Belt

Holding guide (bottom)

Lower heated platen

· Notes

PRODUCT CODE CG187