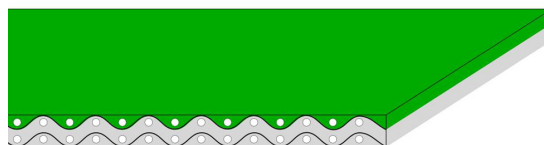


**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>NA1110</b>	<b>TYPE</b>	<b>PT1.2 0-U2</b>
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**COMPOSITION**

<b>Conveying surface</b>	Material	Polyurethane (TPU)	
	Thickness	0.2 mm	0.008 in.
	Surface pattern	Matt	
	Colour	Green	
	Coefficient of friction	HF	
<b>Textile carcass</b>	Material	Polyester (PET)	
	Plies no.	2	
	Weft type	Rigid	
<b>Driving surface</b>	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	White	


**TECHNICAL SPECIFICATIONS**

Total thickness	1.20 mm	0.05 in.
Weight	1.30 kg/m <sup>2</sup>	0.27 lbs./sq.ft
Elongation at 1%	6 N/mm	34.0 lbs./in.
Max. admissible pull	12 N/mm	68.5 lbs./in.
Temperature resistance <sup>(1)</sup>	min.	-20 °C -4 °F
	max.	+100 °C 212 °F
<sup>(1)</sup> Use of the belt with limit values may reduce its life.		
Minimum roller diameter <sup>(2)</sup>		
■ Knife edge	no	
■ Bending roller	20 mm	0.8 in.
■ Counter-bending roller	25 mm	1.0 in.
<sup>(2)</sup> 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	2000 mm	79 in.

**SUITABLE FOR**

Paper industry: cutters  
 Printing and graphic: wrapping / binding

**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	no
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances <a href="#">link</a>	5

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments  
 FDA (Food and Drug Administration)

**NOTES**

Issue: 24-07-2009 Last Update: 06-12-2021

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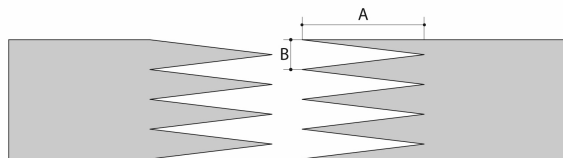
CODE NA1110

TYPE

PT1.2 0-U2

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

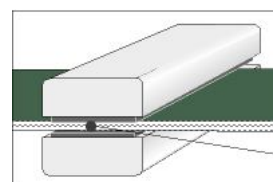
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press P \ PL \ PLS

Press settings	
Upper platen temperature	145 °C
Lower platen temperature	145 °C
Temperature gauge setting	145 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

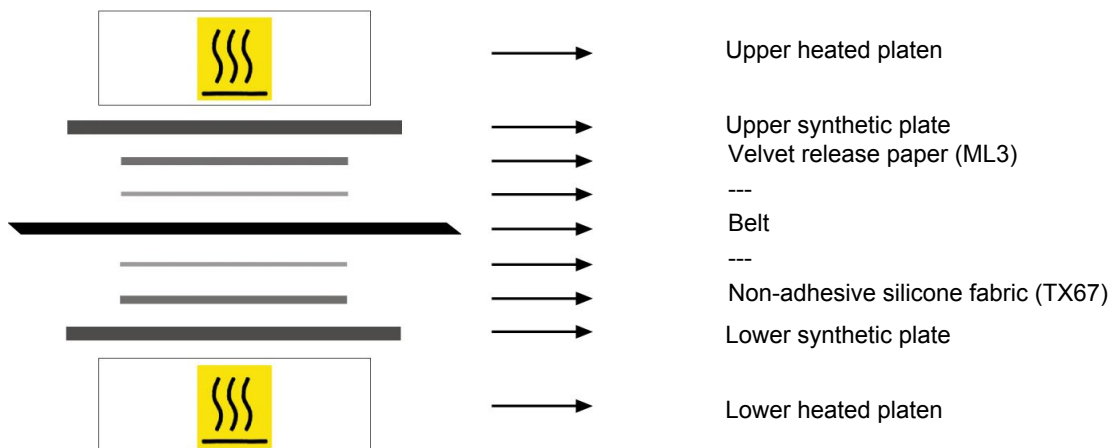
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



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



• Notes

Issued: 01-04-2009

Last Update: 30-01-2014

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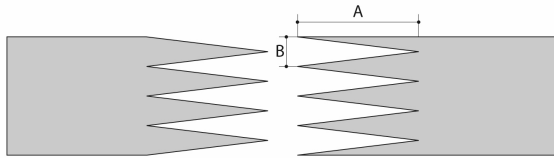
CODE **NA1110**

TYPE

**PT1.2 0-U2**

**• Recommended jointing procedure**

**“F35 FAST JOINT” MICRO Z**



**A = 35 mm**  
**B = 5 mm**

**Other jointing methods can be used:**

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

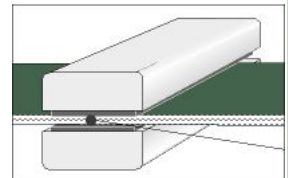
**• Pressing**

**Heating press P50 FJ**

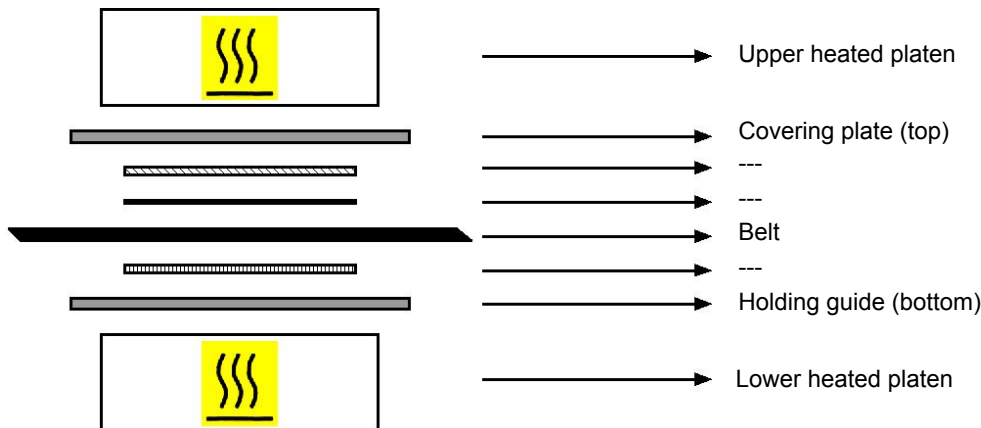
Press settings	
Upper platen temperature	180 °C
Lower platen temperature	180 °C
Temperature gauge setting	180 °C
Curing time in press	2 min.
Cooling time	10 min.

**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**

Issue: 01-04-2009

Last Update: 12-11-2010

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