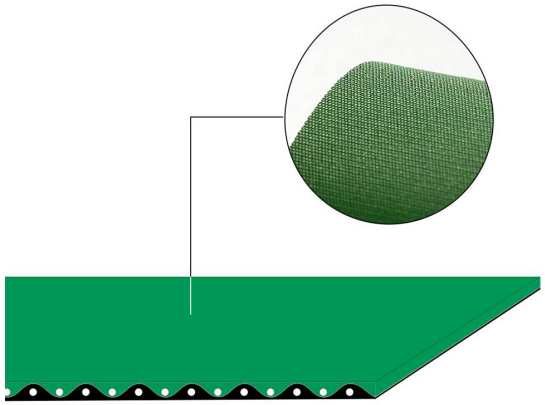
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-1178 **TYPE** **PT1.4 G3-G3**

COMPOSITION

Conveying surface	Material	Synthetic elastomer
	Thickness	0.25 mm *0.010 in.*
	Surface pattern	FLL
	Colour	Green
	Coefficient of friction	HF
Textile carcass	Material	Polyester (PET)
	Plies no.	1
	Weft type	Flexible
Driving surface	Material	Synthetic elastomer
	Thickness	0.25 mm *0.010 in.*
	Surface pattern	FLL
	Colour	Black



TECHNICAL SPECIFICATIONS

Total thickness		1.40 mm	*0.06 in.*
Weight		1.60 kg/m²	*0.33 lbs./sq.ft*
Elongation at 1%		6 N/mm	*34.0 lbs./in.*
Max. admissible pull		6 N/mm	*34.3 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	15 mm	*0.6 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	0.40 [-]
Laminated plastic/wood	0.50 [-]
Steel roller	0.40 [-]
Rubberized roller	0.60 [-]

Max. production width	1200 mm	*47 in.*

SUITABLE FOR

Printing and graphic
Materials handling: multiple drives
Postal automation

FEATURES

Humidity influence	no
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	yes
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	no
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	yes
Chemical resistances link	8

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Issue: 13-06-2012 Last Update: 23-06-2016

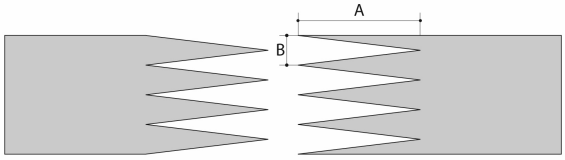
CHIORINO S.p.A. - VIA S. AGATA, 9 - 13900 BIELLA - ITALIA - P.O.B. 460 - TEL. +39-015-8489.1 - FAX +39-015.8496161
chiorino@chiorino.com - www.chiorino.com

CONVEYOR AND PROCESS BELTS

JOINING TECHNICAL DATA SHEET

CODE NA-1178 **TYPE** **PT1.4 G3-G3**

Recommended joining procedure MICRO Z



A = 30 mm
B = 6 mm

Other joining methods can be used:

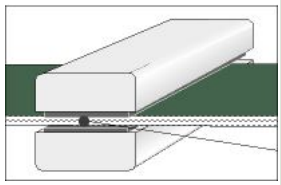
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

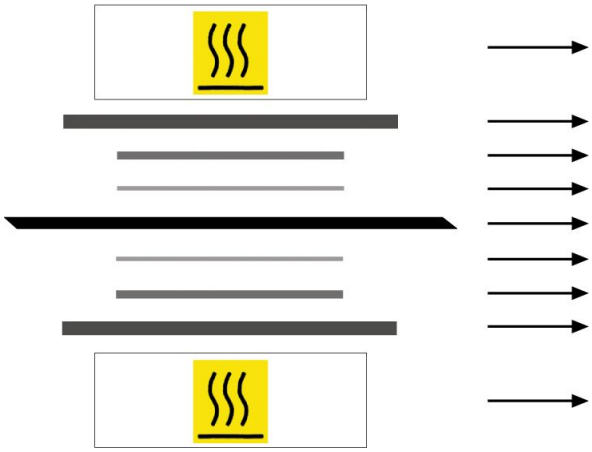
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	
Cement	---

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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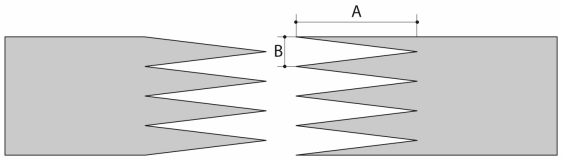
chiorino@chiorino.com - www.chiorino.com

FAST JOINT CONVEYOR AND PROCESS BELTS

BELT JOINTING DATA SHEET

CODE NA-1178 **TYPE** **PT1.4 G3-G3**

• Recommended jointing procedure "FAST JOINT" MICRO Z



A = 30 mm
B = 6 mm

Other jointing methods can be used:

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

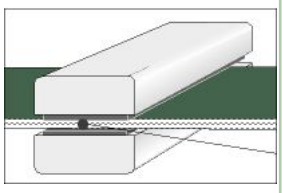
• Pressing

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	4 min.
Cooling time	10 min.

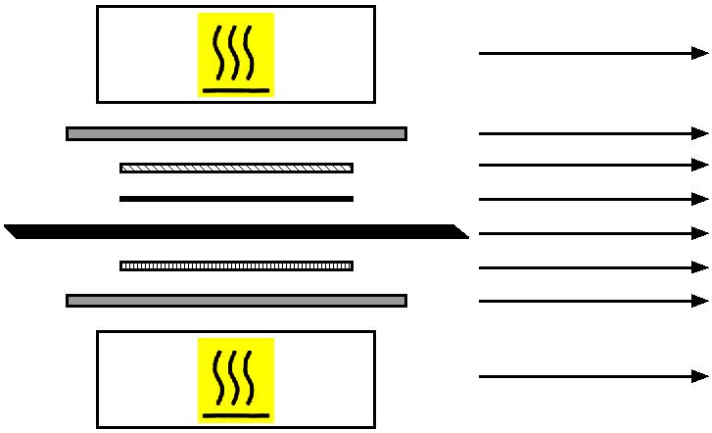
Advice for the press adjustment:

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



Upper heated platen
Covering plate (top)
Velvet release paper (MC-295)

Belt

Holding guide (bottom)
Lower heated platen

• Notes

Issue: 19-09-2012 Last Update:

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