

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

<b>CODE</b>	<b>NA1386</b>	<b>TYPE</b>	<b>PB-215</b>
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**COMPOSITION**

<b>Conveying surface</b>	Material	Polyurethane (TPU)	
	Thickness	0.50 mm	0.020 in.
	Surface pattern	Smooth	
	Colour	Black	
	Coefficient of friction	LF	
<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	Grey	


**TECHNICAL SPECIFICATIONS**

Total thickness	2.15 mm	0.08 in.
Weight	2.30 kg/m <sup>2</sup>	0.47 lbs./sq.ft
Elongation at 1%	15 N/mm	86.0 lbs./in.
Max. admissible pull	20 N/mm	114.2 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 radius / diameter <sup>(2)</sup>		
■ Knife edge minimum radius	no	
■ Bending roller min. diameter	80 mm	3.15 in.
■ Counter-bending roller min. diameter	100 mm	3.94 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	2100 mm	83 in.

**SUITABLE FOR**

Textile: printing blankets  
 Printing and graphic: digital printing  
 Wood industry: digital printing

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

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments

**NOTES**

Recommended initial tension 0.4÷0.8%

Issue: 25-01-2017 Last Update: 26-01-2017

**DISCLAIMER**  
 The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

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Recommended joining procedure SINGLE Z - 80 x 10 mm



Other joining methods can be used:

DIAGONAL SINGLE Z

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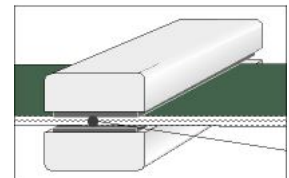
Check our general catalogue to get further info on CHIORINO joining methods.

• 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	6 min.
Pressure	1,5 bar
Film	none
Cement	---

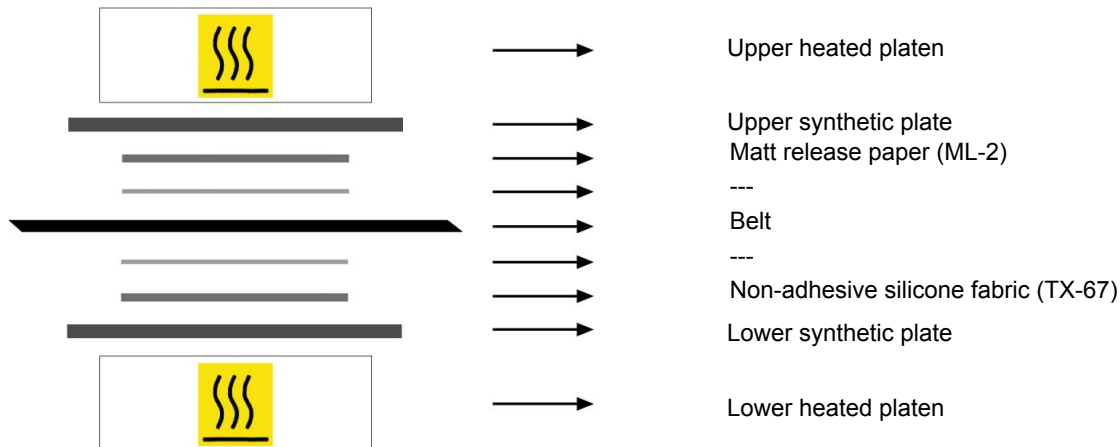
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



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



• Notes

**Warning!** The temperature gauge should be inserted in the side of the cover. When the temperature reaches 155 °C (temperature indicated by the gauge), start the cooling cycle. The curing time indicated on the sheet is approximate and might vary according to the type of press used. Keep the fingers slightly displaced to facilitate the material melting process. For the double Z joint, to put inside and on fingers the foil TC614 - PU BLACK FOIL 100 mm wide.

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