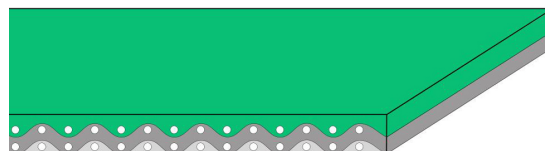


## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE	NA-1128		TYPE	2M12 U0-U17	
<b>COMPOSITION</b>					
Conveying surface	Material	Polyurethane (TPU)			
	Thickness	1.70 mm	0.067 in.		
	Surface pattern	Smooth			
	Colour	Green			
	Coefficient of friction	LF			
Textile carcass	Material	Polyester (PET)			
	Plies no.	2			
	Weft type	Rigid			
Driving surface	Material	Fabric with polyurethane (TPU) impregnation			
	Thickness	---	mm	---	in.
	Surface pattern	LdB fabric			
	Colour	Grey			
<b>TECHNICAL SPECIFICATIONS</b>					
Total thickness	3.40 mm	0.13 in.			
Weight	3.80 kg/m <sup>2</sup>	0.78 lbs./sq.ft			
Elongation at 1%	12 N/mm	69.0 lbs./in.			
Max. admissible pull	24 N/mm	137.0 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	120 mm	4.72 in.			
<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommende					
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.			
<b>SUITABLE FOR</b>					
Textile: automatic cutting					
Wood industry					
Bricks conveying					
Ceramic industry					
Cement industry					
Tin cans magnetic elevators					
Automotive: steel blankets cutting					
Cutting tables					
Punchers					
<b>FEATURES</b>					
Humidity influence	no				
Suitable to metal detector	no				
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 (see file available on line)	5				
<b>COMPLIANCES</b>					
REACH Regulation EC 1907/2006 and amendments					
Regulation EC 1935/2004 and amendments					
Regulation EC 2023/2006 and amendments					
Regulation EU 10/2011 and amendments					
FDA (Food and Drug Administration)					
<b>NOTES</b>					



Issue: 04-10-2011

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### 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.

<b>CODE</b>	NA-1128	<b>TYPE</b>	<b>2M12 U0-U17</b>
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<b>Recommended joining procedure</b>	SINGLE Z
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**Other joining methods can be used:**

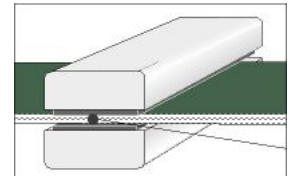
Check our general catalogue to get further info on CHIORINO joining methods.

**• Pressing**

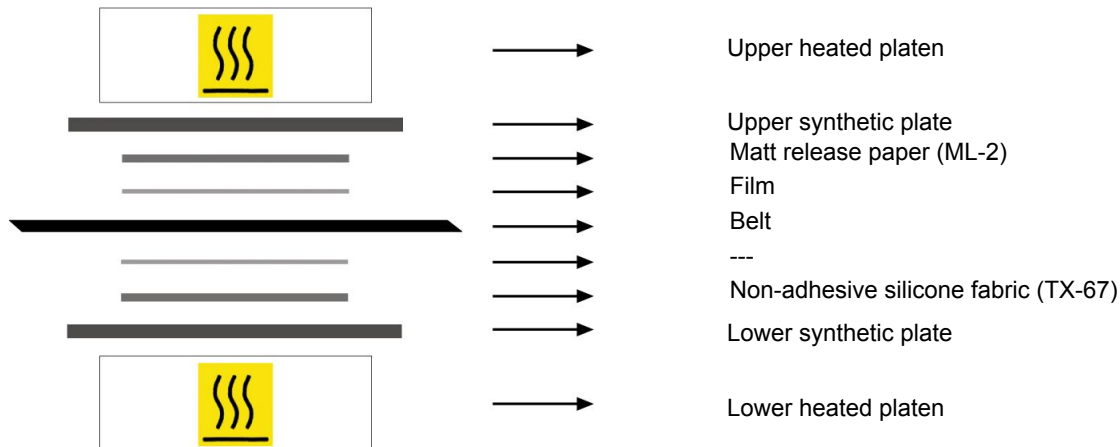
**Heating press P \ PL \ PLS**

Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	2 min.
Pressure	3 bar
Film	TC-218 - Film PU green P347C
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**

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