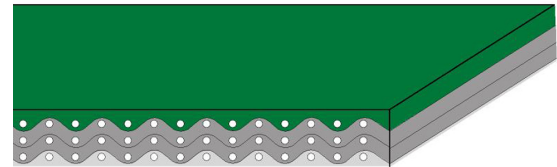


**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>NA437</b>	<b>TYPE</b>	<b>3M18 U0-V-U10</b>
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COMPOSITION	
Conveying surface	Material: Polyurethane (TPU)
	Thickness: 1.00 mm 0.039 in.
	Surface pattern: Smooth
	Colour: Green
	Coefficient of friction: LF
Textile carcass	Material: Polyester (PET)
	Plies no.: 3
	Weft type: Rigid
Driving surface	Material: Fabric with polyurethane (TPU) impregnation
	Thickness: --- mm --- in.
	Surface pattern: LdB fabric
	Colour: Grey



TECHNICAL SPECIFICATIONS			
Total thickness	3.70 mm	0.15 in.	
Weight	4.40 kg/m <sup>2</sup>	0.90 lbs./sq.ft	
Elongation at 1%	18 N/mm	103.0 lbs./in.	
Max. admissible pull	36 N/mm	205.6 lbs./in.	
Temperature resistance <sup>(1)</sup>	min.	-10 °C	14 °F
	max.	60 °C	140 °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	100 mm	3.94 in.	
■ Counter-bending roller min. diameter	150 mm	5.91 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	2050 mm	81 in.	

SUITABLE FOR
Corrugated carton: flexo-printing
Wood industry
Steel blankets magnetic elevators
Punching and cutting

FEATURES	
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 <a href="#">link</a>	5

COMPLIANCES	
REACH EC 1907/2006 Regulation and Amendments	
EC 1935/2004 Regulation and Amendments	
EC 2023/2006 Regulation and Amendments	
EU 10/2011, 2017/752 Regulation and Amendments	
FDA (Food and Drug Administration)	

NOTES
Excellent resistance to cut and abrasion.

Issue: 24-07-2009

Last Update: 06-12-2021

**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.

CODE **NA437** TYPE **3M18 U0-V-U10**

Recommended joining procedure **SINGLE Z - 80 x 10 mm**



Other joining methods can be used:

- DOUBLE Z - 50 x 12 mm
- SKIVED JOINT '1'
- 
- 

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

• Pressing

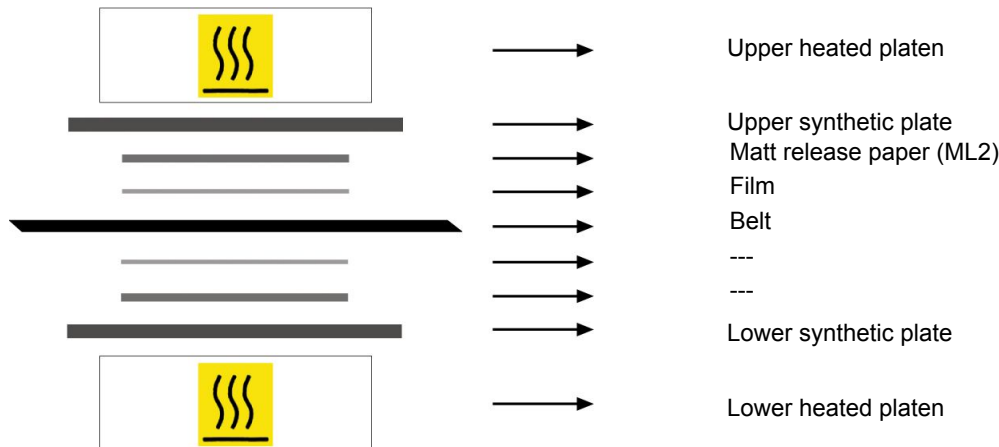
Heating press **P \ PL \ PLS**

Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC31 - Green PU 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



• Notes

Issued: 25-09-2006

Last Update: 06-04-2016

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