
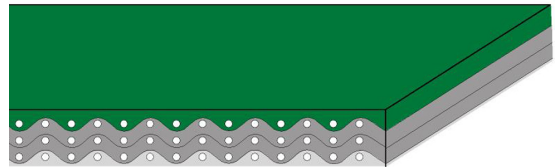


CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA437		TYPE	3M18 U0-V-U10	
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 ²	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 ⁽¹⁾	min.	-10 °C	14 °F		
	max.	60 °C	140 °F		
⁽¹⁾ Use of the belt with limit values may reduce its life.					
Minimum radius / diameter ⁽²⁾					
■ Knife edge minimum radius	no				
■ Bending roller min. diameter	100 mm	3.94 in.			
■ Counter-bending roller min. diameter	150 mm	5.91 in.			
⁽²⁾ 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 link					5
COMPLIANCES					
REACH EC 1907/2006 Regulation and Amendments					
EC 1935/2004 Regulation and Amendments					
EC 2023/2006 Regulation and Amendments					
EU 10/2011, 2023/1442 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
- SKIVED JOINT '1'
-
-

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

• Pressing

Heating press P \ PL \ PLS

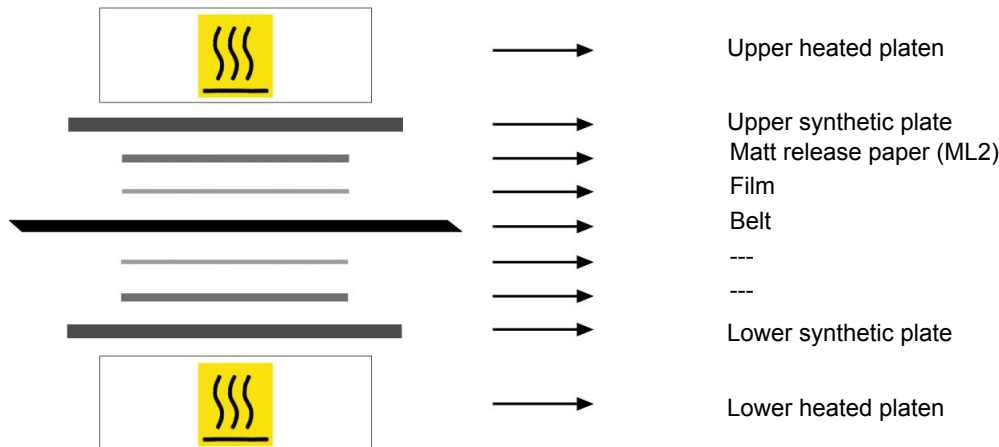
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC31 - Green PU film
Cement	---

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

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.