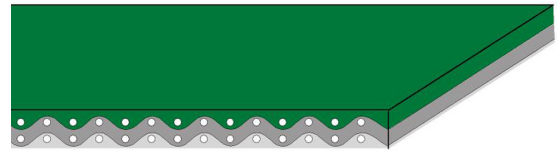


CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-803			TYPE	2M12 U0-U3 R A		
COMPOSITION							
Conveying surface	material	polyurethane (TPU)					
	thickness	0.30 mm	0.012 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	fabric					
	colour	white					
TECHNICAL SPECIFICATIONS							
Total thickness	1.70 mm	0.07 in.					
Weight	1.80 kg/m ²	0.37 lbs./sq.ft					
Elongation at 1%	12 N/mm	68.5 lbs./in.					
Max. admissible pull	24 N/mm	137.0 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 radius / diameter ⁽²⁾							
■ Knife edge minimum radius	no						
■ Bending roller min. diameter	40 mm	1.57 in.					
■ Counter-bending roller min. diameter	50 mm	1.97 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	2000 mm	79 in.					
SUITABLE FOR							
Wood industry							
Materials handling							
Plastic materials moulding							
Steel blankets magnetic elevators							
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 (see file available on line)	5						
COMPLIANCES							
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)							
Flame Retardant UL94HB Horizontal Burning							
NOTES							



Issue: 24-07-2009

Last Update: 23-06-2016

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.

CODE **NA-803** TYPE **2M12 U0-U3 R A**

Recommended jointing procedure **SINGLE Z**



Other jointing methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '2'
- STEP

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

• Pressing

Heating press **P \ PL \ PLS**

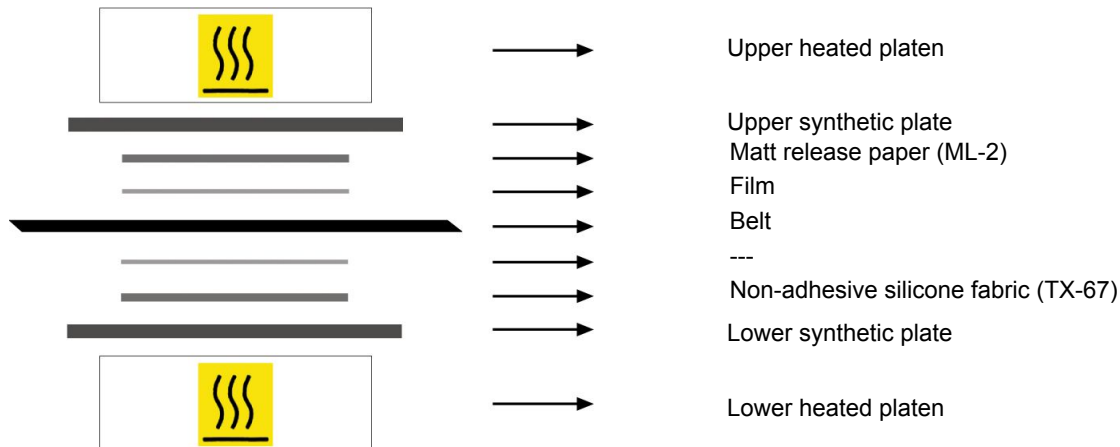
Press settings	
Upper platen temperature	150 °C
Lower platen temperature	150 °C
Temperature gauge setting	150 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-31 - Green PU film
Cement	---

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: 27-05-2014

Last Update:

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.