
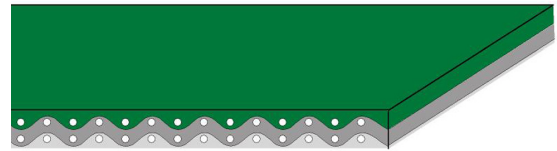


## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE	NA803	TYPE	2M12 U0-U3 R A
<b>COMPOSITION</b>			
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	
<b>TECHNICAL SPECIFICATIONS</b>			
Total thickness	1.70 mm	0.07 in.	
Weight	1.80 kg/m <sup>2</sup>	0.37 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	40 mm	1.57 in.	
■ Counter-bending roller min. diameter	50 mm	1.97 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	2000 mm	79 in.	
<b>SUITABLE FOR</b>			
Wood industry			
Materials handling			
Plastic materials moulding			
Steel blankets magnetic elevators			
<b>FEATURES</b>			
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		
<b>COMPLIANCES</b>			
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)			
<b>NOTES</b>			



Issue: 24-07-2009

Last Update: 28-02-2020

### 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 **NA803** TYPE **2M12 U0-U3 R A**

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



Other joining methods can be used:

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

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

• Pressing

Heating press **P \ PL \ PLS**

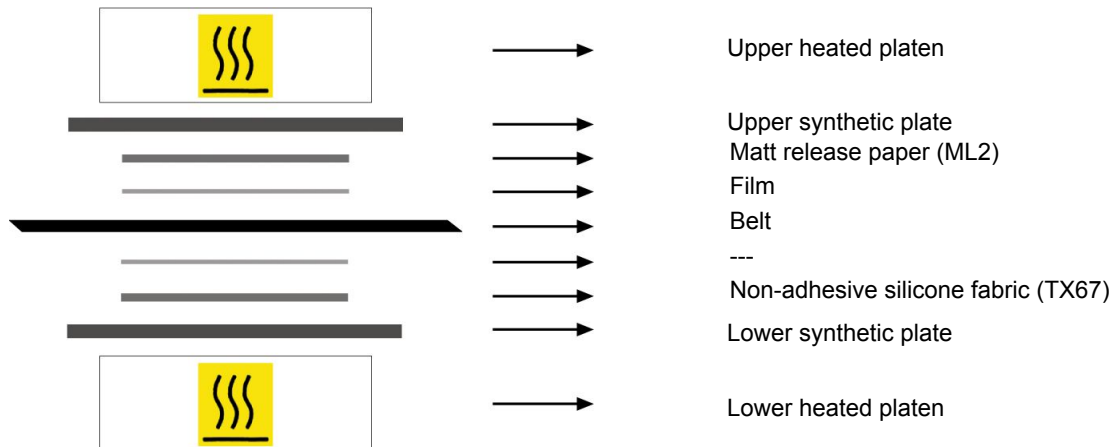
Press settings	
Upper platen temperature	150 °C
Lower platen temperature	150 °C
Temperature gauge setting	150 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC31 - Green PU film
Cement	---

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

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