
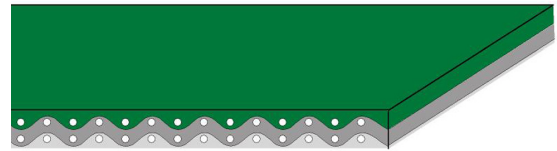


## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE	NA581	TYPE	2M5 U0-U2 A
<b>COMPOSITION</b>			
Conveying surface	Material	Polyurethane (TPU)	
	Thickness	0.20 mm	0.008 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	Grey	
<b>TECHNICAL SPECIFICATIONS</b>			
Total thickness	1.20 mm	0.05 in.	
Weight	1.40 kg/m <sup>2</sup>	0.29 lbs./sq.ft	
Elongation at 1%	6 N/mm	34.0 lbs./in.	
Max. admissible pull	12 N/mm	69.0 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	4 mm	0,16 in.	
■ Bending roller min. diameter	8 mm	0.31 in.	
■ Counter-bending roller min. diameter	16 mm	0.63 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>			
Packaging			
Materials handling			
Postal automation			
Steel blankets magnetic elevators			
<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 <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

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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.

CODE **NA581** TYPE **2M5 U0-U2 A**

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



Other joining methods can be used:

- DIAGONAL SINGLE Z
- MICRO Z - 30 x 6 mm
- DOUBLE Z
- SKIVED JOINT '1'

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

• Pressing

Heating press **P \ PL \ PLS**

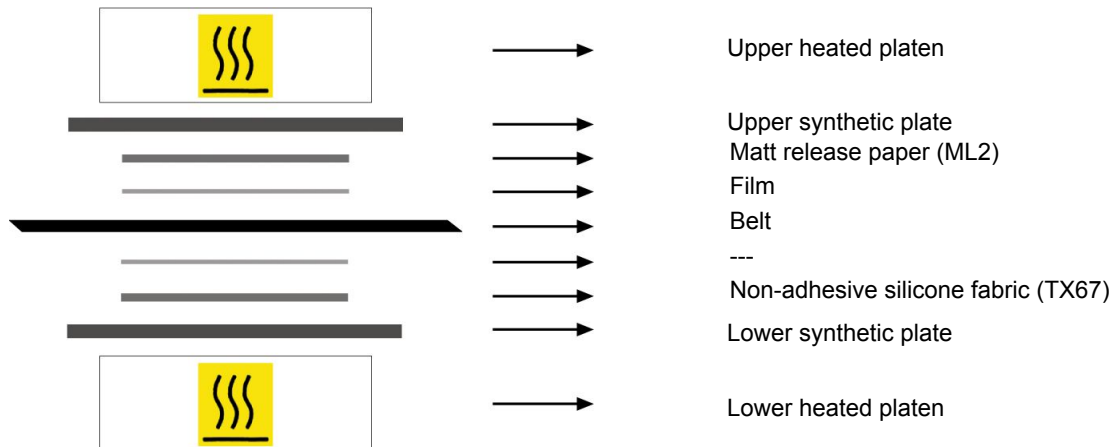
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC31 - Green PU film
Cement	--

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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