

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE **NA-1451** TYPE **2M6 U0-U2 GS DB**

COMPOSITION	
Conveying surface	Material: Polyurethane (TPU)
	Thickness: 0.20 mm <i>0.008 in.</i>
	Surface pattern: Glossy
	Colour: Dark blue
	Coefficient of friction: MF
Textile carcass	Material: Polyester (PET)
	Plies no.: 2
	Weft type: Rigid
Driving surface	Material: Fabric with polyurethane (TPU) impregnation
	Thickness: --- mm --- <i>in.</i>
	Surface pattern: Fabric
	Colour: White

TECHNICAL SPECIFICATIONS			
Total thickness	1.30 mm	<i>0.05 in.</i>	
Weight	1.40 kg/m ²	<i>0.29 lbs./sq.ft</i>	
Elongation at 1%	6 N/mm	<i>34.0 lbs./in.</i>	
Max. admissible pull	12 N/mm	<i>69.0 lbs./in.</i>	
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	6 mm	<i>0,24 in.</i>
■ Bending roller min. diameter	12 mm	<i>0.47 in.</i>
■ Counter-bending roller min. diameter	16 mm	<i>0.63 in.</i>

⁽²⁾ The above mentioned values depend on the type of CHIORINO joint recommende

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 2100 mm *83 in.*

SUITABLE FOR
Food: bakery
Food: biscuits and crackers
Food: confectionery
Food: chocolate bars
Food: sweet and salty snacks
Food: meat and fish processing
Food: seafood processing
Fruits and vegetables



FEATURES	
Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
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	no
Inclined conveying	no
Accumulators belts	no
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, 2017/752 Regulation and Amendments	
HACCP (Hazard Analysis and Critical Control Points)	
FDA (Food and Drug Administration)	

NOTES
GS = Glossy Surface The glossy surface offers an optimum balance between adhesive properties and release capabilities.

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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.

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Recommended joining procedure **SINGLE Z**



Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '1'
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Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

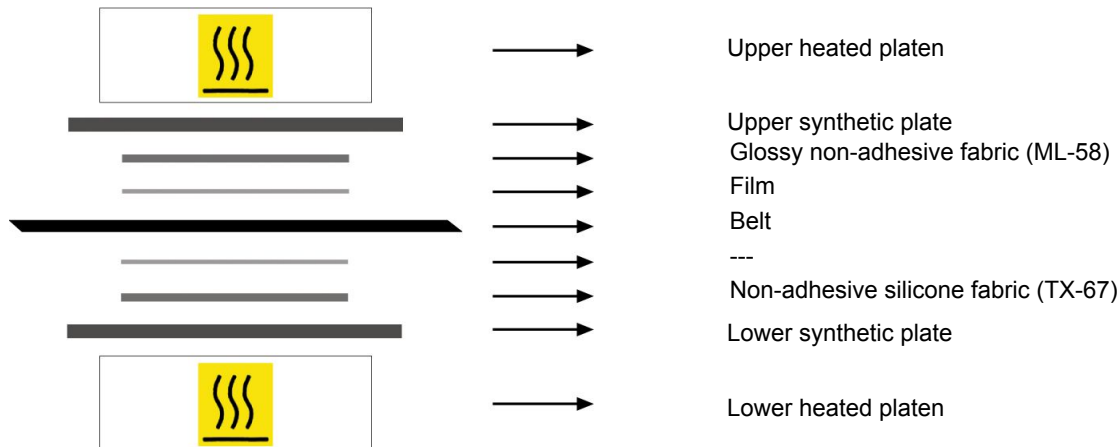
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	2 bar
Film	TC-656- Film PU dark blue
Cement	---

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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