

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>NA-91</b>	<b>TYPE</b>	<b>2M8 U0-V-U0</b>
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**COMPOSITION**

<b>Conveying surface</b>	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	Natural	
	Coefficient of friction	LF	
<b>Textile carcass</b>	Material	Polyester (PET)	
	Plies no.	2	
	Weft type	Rigid	
<b>Driving surface</b>	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	Natural	

**TECHNICAL SPECIFICATIONS**

Total thickness	1.50 mm	0.06 in.	
Weight	1.50 kg/m <sup>2</sup>	0.31 lbs./sq.ft	
Elongation at 1%	8 N/mm	46.0 lbs./in.	
Max. admissible pull	16 N/mm	91.0 lbs./in.	
Temperature resistance <sup>(1)</sup>	min.	-10 °C	14 °F
	max.	60 °C	140 °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	30 mm	1.18 in.
■ Counter-bending roller min. diameter	40 mm	1.57 in.

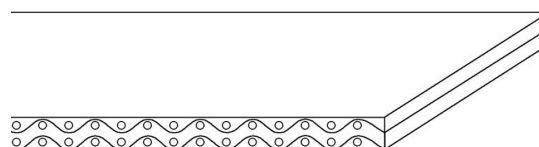
<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommende

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	3000 mm	118 in.
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**SUITABLE FOR**

Food: confectionery  
Packaging  
Tanning industry


**FEATURES**

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	yes
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	yes
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances (see file available on line)	1

**COMPLIANCES**

REACH Regulation EC 1907/2006 and amendments  
FDA (Food and Drug Administration)

**NOTES**

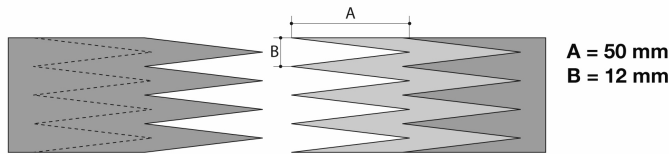
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**DISCLAIMER**  
The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions 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 **NA-91** TYPE **2M8 U0-V-U0**

Recommended joining procedure

DOUBLE Z



Other joining methods can be used:  
SKIVED JOINT '1'

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

• Pressing

Heating press **P \ PL \ PLS**

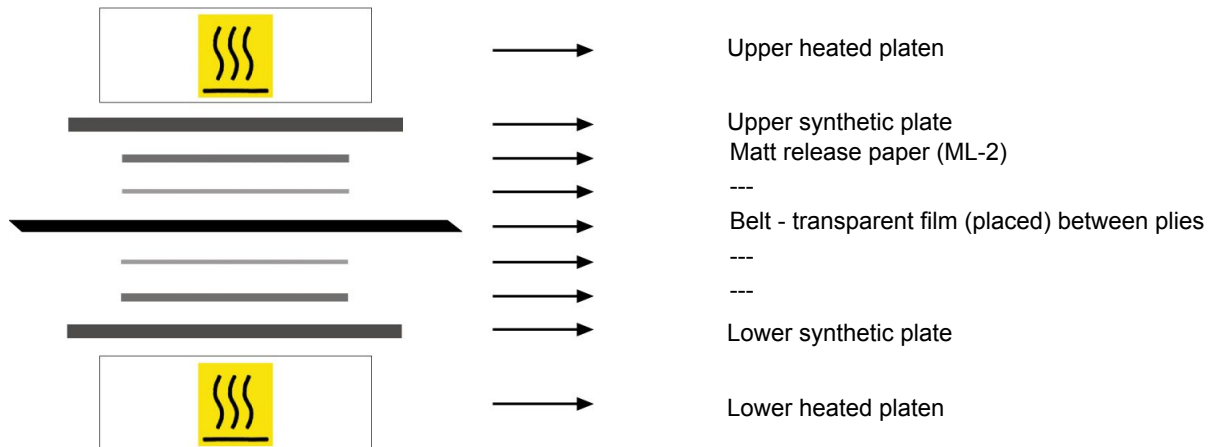
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

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

- Film between plies in white PVC code TC-26.
- Belts must be joined with the antistatic on the conveying side.

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