

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

<b>CODE</b>	<b>NA46</b>	<b>TYPE</b>	<b>2M12 U0-V3 N</b>
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**COMPOSITION**

<b>Conveying surface</b>	Material	PVC 70 Sh.A (±5)	
	Thickness	0.30 mm	0.012 in.
	Surface pattern	Smooth	
	Colour	Black	
	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	LdB fabric	
	Colour	Grey	


**TECHNICAL SPECIFICATIONS**

Total thickness	1.90 mm	0.07 in.
Weight	2.10 kg/m <sup>2</sup>	0.43 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.	-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 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 3500 mm 138 in.

**SUITABLE FOR**

- Corrugated carton: corrugator
- Airports
- Materials handling
- Supermarkets check-outs
- Plastic materials moulding
- Telescopic belts
- Wood: MDF particle board panels
- Packaging

**FEATURES**

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>	2

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments  
Flame Retardant UL94HB Horizontal Burning

**NOTES**

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Last Update: 07-03-2023

**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 - 80 x 10 mm



Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '1'

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

• Pressing

Heating press P \ PL \ PLS

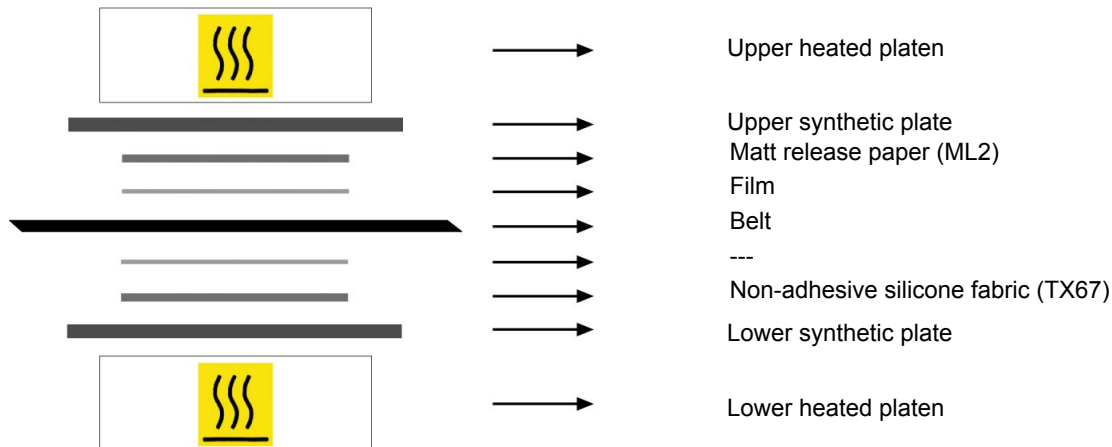
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	2 bar
Film	TC28 - Black PVC film
Cement	---

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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