

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA-34**
**TYPE**
**2M12 U0-V10 A**
**COMPOSITION**

<b>Conveying side</b>	material	Polyvinyl chloride (PVC)		
	thickness	1,0 mm	0,039 in	
	cover finish	smooth		
	colour	green		
	coeff. of friction	MF		
<b>Textile carcass</b>	material	Polyester (PET)		
	no. of plies	2		
	type of weft	rigid		
<b>Driving side</b>	material	Fabric with Polyurethane (TPU)		
	thickness	---	mm	---
	cover finish	LdB fabric		
	colour	grey		

**TECHNICAL SPECIFICATIONS**

Total thickness		2,5 mm	0,10 in.
Weight		2,9 kg/m <sup>2</sup>	0,59 lbs./sq.ft
Elongation at 1%		12 N/mm	68,5 lbs./in.
Max. admitt. load		24 N/mm	137 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 pulley diameter <sup>(2)</sup>**

■ knife edge		no	
■ bending pulley	50 mm	1,97 in.	
■ counter-bending pulley	60 mm	2,36 in.	

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

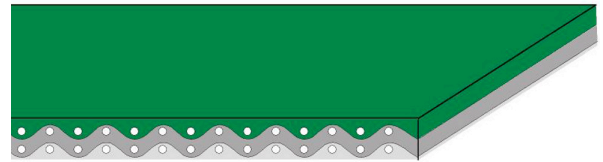
**Coefficient of friction of driving surface**

■ 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.

**JOINTING METHODS**

See jointing data sheet

**NOTES**

**FEATURES**

FDA conformity	no
USDA conformity	no
HACCP conformity (CEE 72/2002)	no
Flame Retardant (EN20340-ISO340)	no
Humidity influence	no
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN 1718)	yes
Static conductivity (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	no
Curved conveyor	no
Chemical resistances (see chart of chemical resistances)	3

**SUITABLE FOR**

Airports  
 In-house handling  
 Packaging and confectionary  
 Wood industry  
 Tanning industry  
 Mechanical industry  
 Printing of plastic materials

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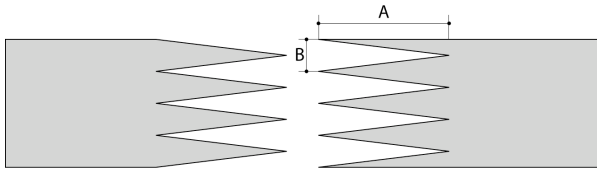
Date last modified: 29-05-2007

**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 jointing procedure **SINGLE Z**



A	80mm
B	10mm

Other jointing methods can be used:

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

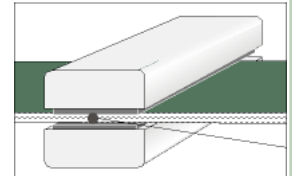
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

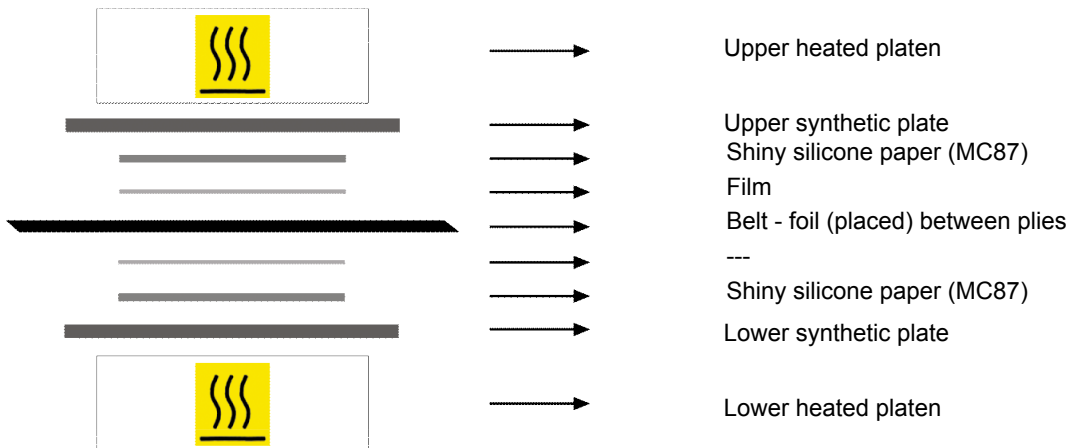
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	2 bar
Film	foil TC29
Cement	---

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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