

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA-811**
**TYPE 2M5 U0-U2 HP PN blue A**
**COMPOSITION**

<b>Conveying side</b>	material	Polyurethane (TPU)	
	thickness	0,2 mm	0,008 in
	cover finish	PN	
	colour	blue	
	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	--- in
	cover finish	fabric	
	colour	light blue	

**TECHNICAL SPECIFICATIONS**

Total thickness	1,6 mm	0,06 in.
Weight	1,5 kg/m <sup>2</sup>	0,31 lbs./sq.ft
Elongation at 1%	6 N/mm	34,3 lbs./in.
Max. admitt. load	12 N/mm	68,5 lbs./in.
Temperature resistance <sup>(1)</sup>	min.	-30 °C -22 °F
	max.	+100 °C 212 °F

<sup>(1)</sup> use of the belt with limit values may reduce its life

 Minimum pulley diameter <sup>(2)</sup>

■ knife edge	yes
■ bending pulley	--- mm --- in.
■ counter-bending pulley	16 mm 0,63 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 [-]

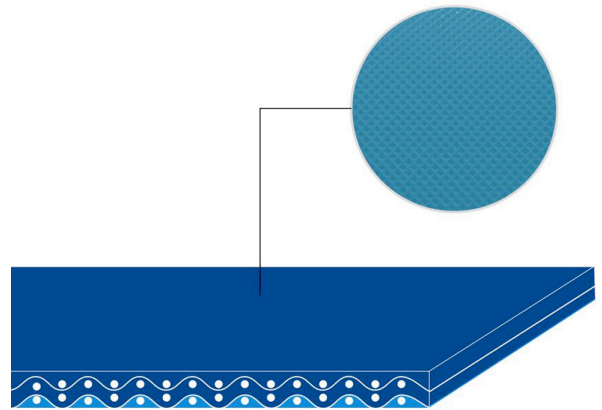
Max. production width 2000 mm 79 in.

**JOINTING METHODS**

See jointing data sheet

**NOTES**

The cover of **HP** polyurethane belts fully complies with the **HACCP** criteria: excellent resistance to baking oils and fats and to hydrolisis.


**FEATURES**

FDA conformity	yes
USDA conformity	no
HACCP conformity (CEE 72/2002)	yes
Flame Retardant (EN20340-ISO340)	no
Humidity influence	no
Suitable to metal detector	yes
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	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances (see chart of chemical resistances)	5

**SUITABLE FOR**

Food industry  
 Food industry: dough processing  
 Bakery  
 Chocolate industry

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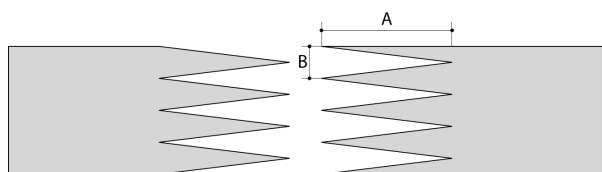
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**DISCLAIMER**

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-811** TYPE **2M5 U0-U2 HP PN blue A**

Recommended jointing procedure **SINGLE Z**



A	80mm
B	10mm

Other jointing methods can be used:

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

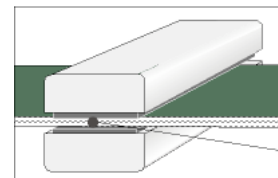
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

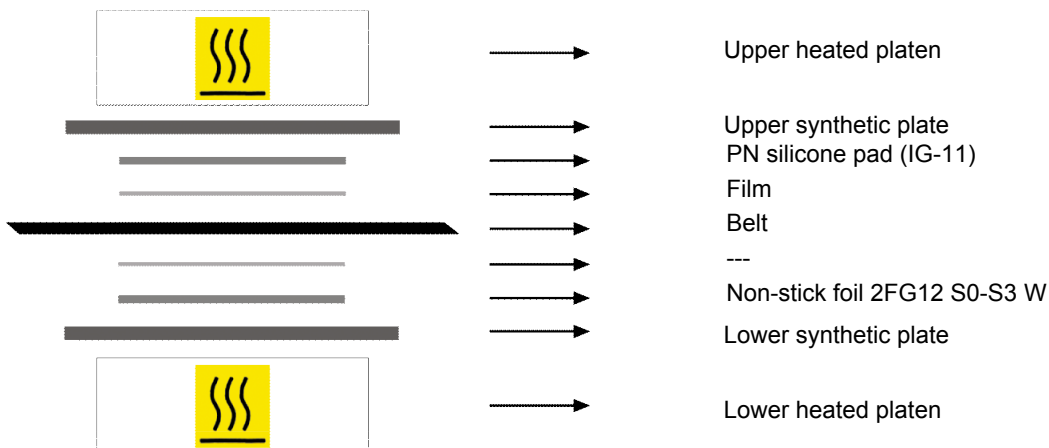
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	foil TC370
Cement	---

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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