

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE **NA-851**

TYPE

2M5 U2-U2 HP VL blue A

COMPOSITION

Conveying surface	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.20 mm	0.008 in.
	Surface pattern	VL	
	Colour	HP® blue	
	Coefficient of friction	MF	
Textile carcass	Material	Polyester (PET) - HP® system	
	Plies no.	2	
	Weft type	Rigid	
Driving surface	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.20 mm	0.008 in.
	Surface pattern	Smooth	
	Colour	HP® blue	

TECHNICAL SPECIFICATIONS

Total thickness	1.50 mm	0.06 in.
Weight	1.70 kg/m ²	0.35 lbs./sq.ft
Elongation at 1%	6 N/mm	34.0 lbs./in.
Max. admissible pull	12 N/mm	68.5 lbs./in.
Temperature resistance ⁽¹⁾	min.	-30 °C -22 °F
	max.	110 °C 230 °F

⁽¹⁾ Use of the belt with limit values may reduce its life.

Minimum radius / diameter ⁽²⁾		
■ Knife edge minimum radius	no	
■ Bending roller min. diameter	10 mm	0.39 in.
■ Counter-bending roller min. diameter	30 mm	1.18 in.

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

Coefficient of friction on driving surface		
■ Raw steel sheet	0.40 [-]	
■ Laminated plastic/wood	0.50 [-]	
■ Steel roller	0.40 [-]	
■ Rubberized roller	0.60 [-]	

Max. production width	2100 mm	83 in.
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SUITABLE FOR

Food: meat and fish processing
 Food: seafood processing
 Food: dairy
 Fruits and vegetables
 Food: confectionery



PRODUCT SYSTEM 

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	no
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	12

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)
 NSF/ANSI 3-A 14159-3-2014 Regulation and Amendments
 HALAL (World Halal Authority)



NOTES

Issue: 24-07-2009

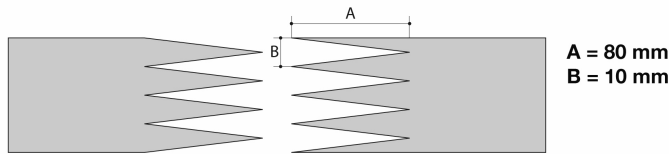
Last Update: 10-01-2019

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'
- MICRO Z

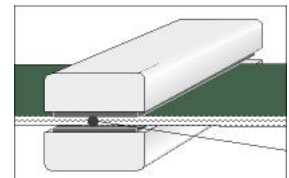
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

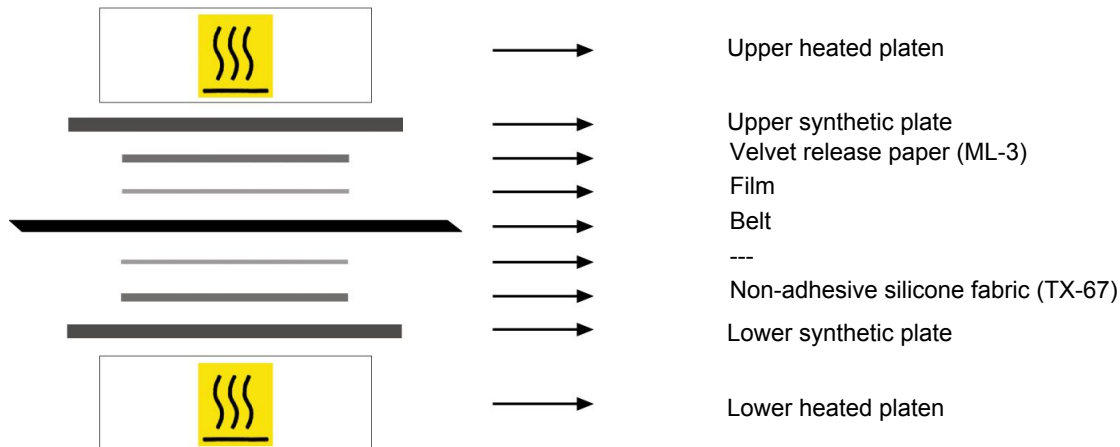
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-370 - PU HP blue film
Cement	---

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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