

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA-1208**
**TYPE**
**2T12 U3-U3 HP VL blue A**
**COMPOSITION**

<b>Conveying surface</b>	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.30 mm	0.012 in.
	Surface pattern	VL	
	Colour	HP® blue	
	Coefficient of friction	MF	
<b>Textile carcass</b>	Material	Polyester (PET) - HP® system	
	Plies no.	2	
	Weft type	Flexible	
<b>Driving surface</b>	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.30 mm	0.012 in.
	Surface pattern	Smooth	
	Colour	HP® blue	


**PRODUCT SYSTEM** 
**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.	-30 °C -22 °F
	max.	110 °C 230 °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	60 mm 2.36 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	0.40 [-]
■ Laminated plastic/wood	0.50 [-]
■ Steel roller	0.40 [-]
■ Rubberized roller	0.60 [-]

Max. production width 2000 mm 79 in.

**SUITABLE FOR**

Food: sweet and salty snacks

**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	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	no
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	yes
Chemical resistances <a href="#">link</a>	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: 14-10-2013

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'
- 

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

• Pressing

Heating press **P \ PL \ PLS**

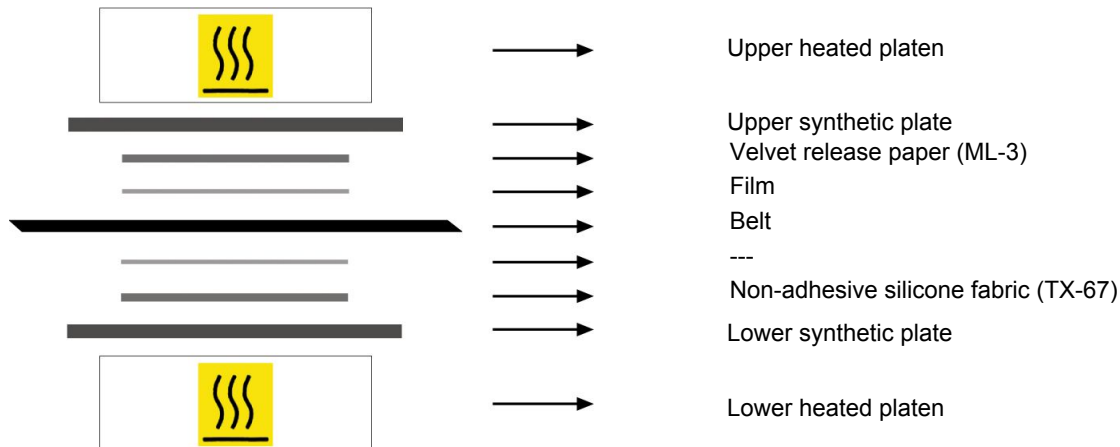
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-370 - PU HP blue film
Cement	---

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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