

## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE	NA1666	TYPE	2M5 U0-U2 HP VL blue A AM
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COMPOSITION		
Conveying surface	Material	Polyurethane (TPU) - HP <sup>®</sup> system
	Thickness	0.20 mm 0.008 in.
	Surface pattern	VL
	Colour	HP <sup>®</sup> blue
	Coefficient of friction	MF
Textile carcass	Material	Polyester (PET) - HP <sup>®</sup> system
	Plies no.	2
	Weft type	Rigid
Driving surface	Material	Fabric polyurethane (TPU) impregn. - HP <sup>®</sup> system
	Thickness	--- mm --- in.
	Surface pattern	Fabric
	Colour	Light blue



PRODUCT SYSTEM 

TECHNICAL SPECIFICATIONS			
Total thickness	1.30 mm	0.05 in.	
Weight	1.40 kg/m <sup>2</sup>	0.29 lbs./sq.ft	
Elongation at 1%	6 N/mm	34.0 lbs./in.	
Max. admissible pull	12 N/mm	69.0 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	4 mm	0,16 in.	
■ Bending roller min. diameter	8 mm	0.31 in.	
■ Counter-bending roller min. diameter	16 mm	0.63 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	2100 mm	83 in.	

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	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances <a href="#">link</a>	12

SUITABLE FOR
Food: slicing machines
Food: seafood processing
Food: dairy
Fruits and vegetables
Food: bread
Food: biscuits and crackers: rotary cutter
Food: pizza
Food: chocolate bars
Pharmaceutics industry

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
FDA (Food and Drug Administration)



NOTES

Issue: 03-12-2021

Last Update: 20-04-2022

### DISCLAIMER

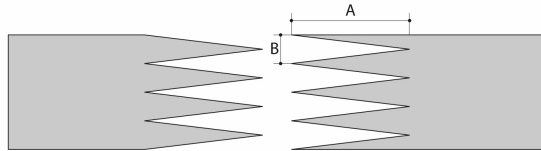
The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable 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 NA1666

TYPE 2M5 U0-U2 HP VL blue A AM

Recommended joining procedure

SINGLE Z - 80 x 10 mm



A = 80 mm  
B = 10 mm

Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z - 50 x 12 mm
- SKIVED JOINT '1'
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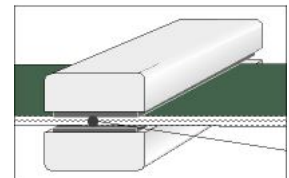
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press P \ PL \ PLS

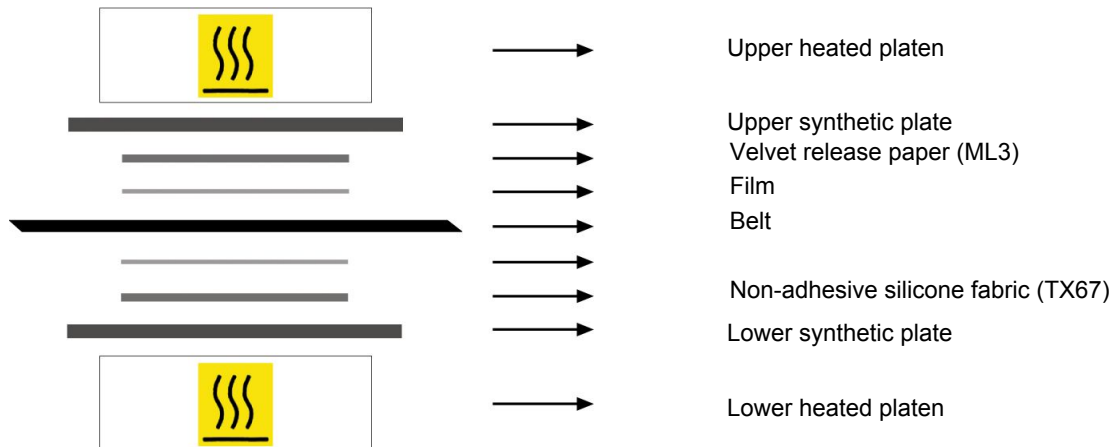
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC715 - Film PU HP AM
Cement	---

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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