

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET

CODE	NA-1054	TYPE	2M5 U0-U2 HP blue S A
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COMPOSITION

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


TECHNICAL SPECIFICATIONS

Total thickness	1.30 mm	0.05 in.
Weight	1.40 kg/m ²	0.29 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 4 mm 0,16 in.
- Bending roller min. diameter 8 mm 0.31 in.
- Counter-bending roller min. diameter 16 mm 0.63 in.

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

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.

SUITABLE FOR

- Food: slicing machines
- Food: dairy
- Food: bread
- Food: biscuits and crackers
- Food: sweet and salty snacks
- Food: chocolate bars
- Food: conveying of dried pasta
- Food: pizza

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	yes
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.

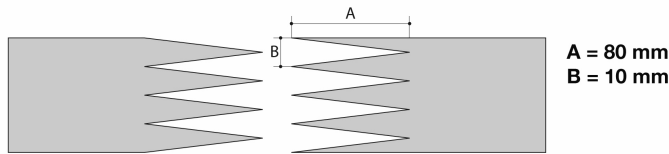
CODE NA-1054

TYPE

2M5 U0-U2 HP blue S A

Recommended joining procedure

SINGLE Z



Other joining methods can be used:

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

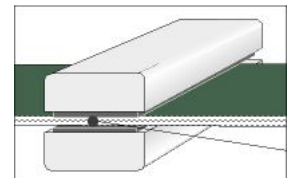
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press P \ PL \ PLS

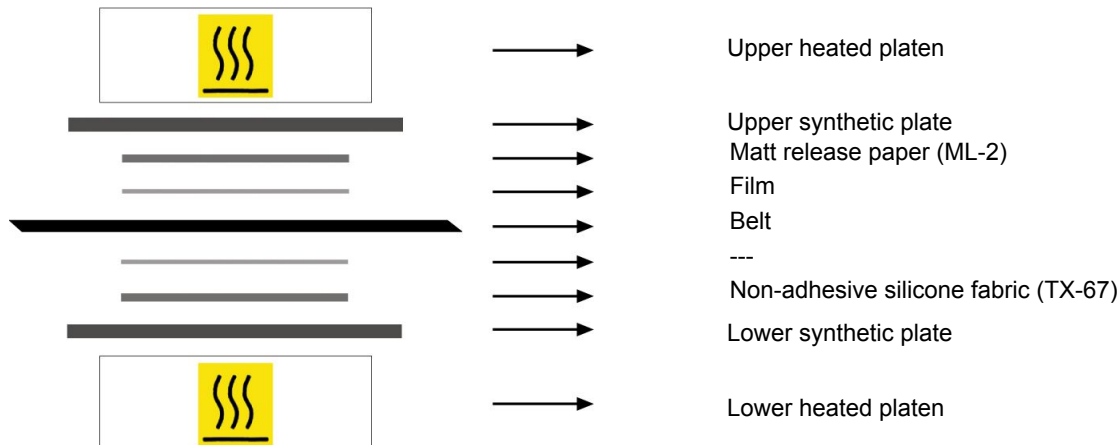
Press settings	
Upper platen temperature	150 °C
Lower platen temperature	150 °C
Temperature gauge setting	150 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-553 - Film PU HP blue S
Cement	---

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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