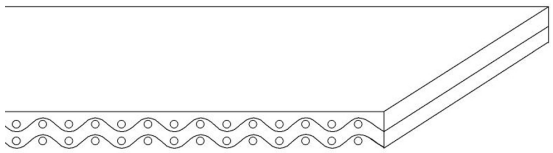
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA170 **TYPE** **2M5 U0-U2 W A**

COMPOSITION

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



TECHNICAL SPECIFICATIONS

Total thickness		1.30 mm	*0.05*	*in.*
Weight		1.50 kg/m²	*0.31*	*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.	-20 °C	*-4*	*°F*
	max.	100 °C	*212*	*°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 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.*

SUITABLE FOR

Food: bread
Food: biscuits and crackers
Food: biscuits and crackers: rotary cutter
Food: sweet and salty snacks
Food: chocolate bars
Food: conveying of dried pasta
Packaging
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	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	5

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)

NOTES

Issue: 24-07-2009 Last Update: 12-12-2018

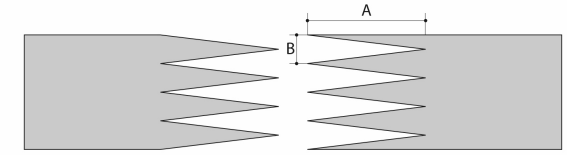
DISCLAIMER
The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product 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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CONVEYOR AND PROCESS BELTS | **JOINING TECHNICAL DATA SHEET**

CODE NA170 **TYPE** **2M5 U0-U2 W A**

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
SKIVED JOINT '1'

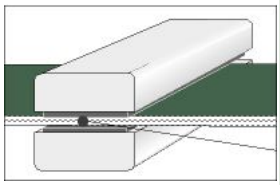
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

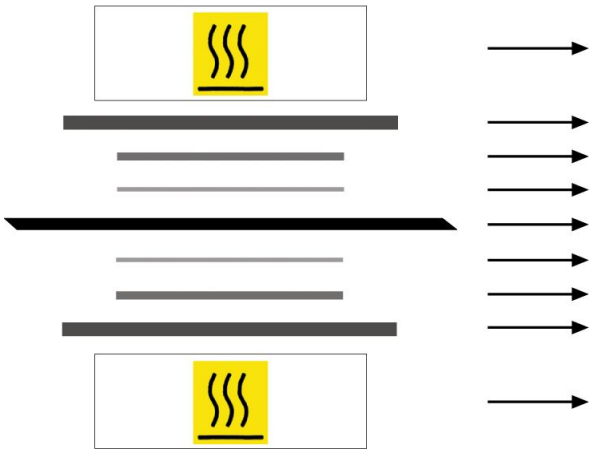
Press settings	
Upper platen temperature	140 °C
Lower platen temperature	140 °C
Temperature gauge setting	140 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC32 - White PU film
Cement	---

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



Upper heated platen
Upper synthetic plate
Matt release paper (ML2)
Film
Belt

Non-adhesive silicone fabric (TX67)
Lower synthetic plate
Lower heated platen

• Notes

Issued: 25-10-2004 Last Update: 12-03-2021

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