

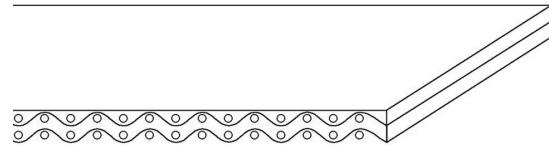
**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**

<b>CODE</b>	<b>NA-160</b>	<b>TYPE</b>	<b>2T8 U0-0</b>
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COMPOSITION	
<b>Conveying surface</b>	Material: Polyester (PET) fabric
	Thickness: mm <i>0.000 in.</i>
	Surface pattern: Fabric
	Colour: White
	Coefficient of friction: LF
<b>Textile carcass</b>	Material: Polyester (PET)
	Plies no.: 2
	Weft type: Flexible
<b>Driving surface</b>	Material: Fabric with polyurethane (TPU) impregnation
	Thickness: --- mm --- in.
	Surface pattern: Fabric
	Colour: White

TECHNICAL SPECIFICATIONS			
Total thickness	1.30 mm	<i>0.05 in.</i>	
Weight	1.40 kg/m <sup>2</sup>	<i>0.29 lbs./sq.ft</i>	
Elongation at 1%	8 N/mm	<i>46.0 lbs./in.</i>	
Max. admissible pull	16 N/mm	<i>91.0 lbs./in.</i>	
Temperature resistance <sup>(1)</sup>	min.	-20 °C	-4 °F
	max.	100 °C	212 °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	6 mm	<i>0,24 in.</i>	
■ Bending roller min. diameter	12 mm	<i>0.47 in.</i>	
■ Counter-bending roller min. diameter	16 mm	<i>0.63 in.</i>	
<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommende			
Coefficient of friction on driving surface			
■ Raw steel sheet	0.20 [-]		
■ Laminated plastic/wood	0.25 [-]		
■ Steel roller	0.20 [-]		
■ Rubberized roller	0.30 [-]		
Max. production width	3000 mm	<i>118 in.</i>	

SUITABLE FOR
Food: bread
Packaging
Tanning industry
Food: pizza



FEATURES	
Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	yes
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	yes
Chemical resistances <a href="#">link</a>	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	
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.

CODE **NA-160** TYPE **2T8 U0-0**

**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

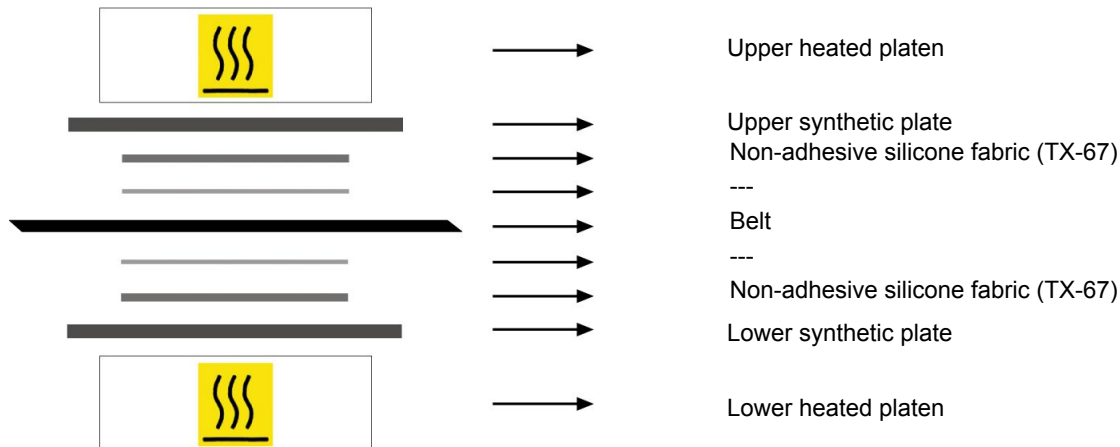
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

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

With DOUBLE Z join insert TC32 white polyurethane film.

Issued: 11-11-2004

Last Update: 30-01-2014

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