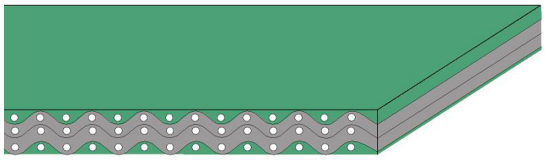
CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

3T18 U0-V0

COMPOSITION

Conveying surface	Material	Fabric with PVC impregnation			
	Thickness	---	mm	---	*in.*
	Surface pattern	Fabric			
	Colour	Green			
	Coefficient of friction	LF			
Textile carcass	Material	Cotton-PET			
	Plies no.	3			
	Weft type	Flexible			
Driving surface	Material	Fabric with polyurethane (TPU) impregnation			
	Thickness	---	mm	---	*in.*
	Surface pattern	Fabric			
	Colour	Green			



TECHNICAL SPECIFICATIONS

Total thickness	3.70	mm	*0.15*	*in.*
Weight	3.90	kg/m²	*0.80*	*lbs./sq.ft*
Elongation at 1%	18	N/mm	*103.0*	*lbs./in.*
Max. admissible pull	36	N/mm	*206.0*	*lbs./in.*
Temperature resistance [1] min.	-10	°C	*14*	*°F*
Temperature resistance [1] max.	60	°C	*140*	*°F*

[1] Use of the belt with limit values may reduce its life.

Minimum radius / diameter [2]

■ Knife edge minimum radius	no			
■ Bending roller min. diameter	120	mm	*4.72*	*in.*
■ Counter-bending roller min. diameter	120	mm	*4.72*	*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	3000	mm	*118*	*in.*

SUITABLE FOR

Materials handling
Postal automation
Rubber conveying in the tyre production process
Bricks conveying
Ceramic industry
Mechanical industry

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 link	3

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

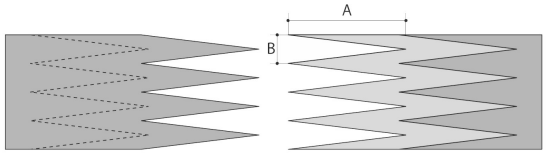
PRODUCT CODE NA73 Last Update: 17-03-2026

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.

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

3T18 U0-V0

Recommended joining procedure DOUBLE Z



A = 40 mm
B = 10 mm

Other joining methods can be used:

SKIVED JOINT '1'
STEP

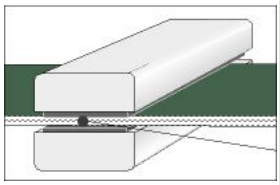
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

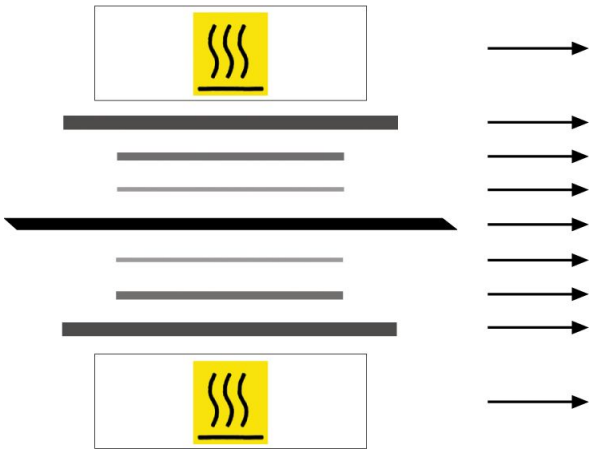
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC30 - Transparent PVC film
Cement	---

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
FM silicone pad (IG23)

Transparent film (placed) between plies

FM silicone pad (IG23)
Lower synthetic plate
Lower heated platen

• Notes

PRODUCT CODE NA73 Last Update: 30-01-2014

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