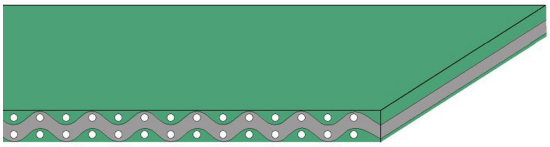
CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

N

COMPOSITION

Conveying surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Green
	Coefficient of friction	LF
Textile carcass	Material	Polyamide (PA)
	Plies no.	2
	Weft type	Flexible
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Green



TECHNICAL SPECIFICATIONS

Total thickness	0.60 mm	*0.02*	*in.*
Weight	0.60 kg/m²	*0.12*	*lbs./sq.ft*
Elongation at 1%	2.0 N/mm	*11.0*	*lbs./in.*
Max. admissible pull	4 N/mm	*23.0*	*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 roller diameter (2)

Knife edge	no		
Bending roller	15 mm	*0.6*	*in.*
Counter-bending roller	15 mm	*0.6*	*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	1800 mm	*71*	*in.*

SUITABLE FOR

Paper industry: cutters
Printing and graphic: stacking
Printing and graphic: insertion cassettes wind./unwinding
Printing and graphic: gathering
Printing and graphic: wrapping / binding
Packaging

FEATURES

Humidity influence	yes
Suitable to metal detector	no
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	yes
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances link	5

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

PRODUCT CODE NA133 Last Update: 01-03-2019

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.

CONVEYOR AND PROCESS BELTS **JOINING DATA SHEET**

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• Recommended joining procedure

SKIVED JOINT '1'

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

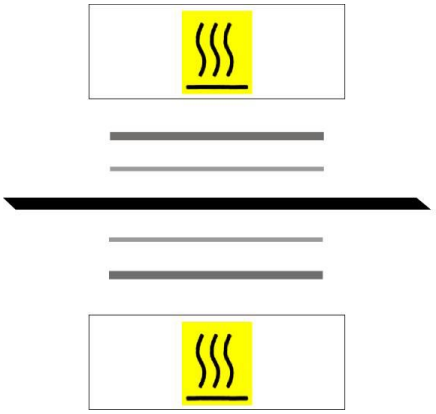
• Skiving instructions

Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
					T mm	B mm	Thickness adjustment	End stop switch of working plate	T mm	B mm	Thickness adjustment	End stop switch of working plate
B600 A	0,7	20	Straight	1-10	26	-10	19,95	---	---	---	---	---
B300 SA	0,7	20	Straight	1-10	27	-10	12-16	---	---	---	---	---

• Guide to the use of adhesives

Apply the **K cement** on the polyamide part of the splices.
Let dry for 5 minutes, then match the belt ends, paying attention to align properly.
Press according to the instructions shown.
To ensure best joint life it is advisable not to run or tension the belt for 24 hours.

• Layout of components



→ Upper heated platen
→ Upper synthetic plate
→ Glossy non-adhesive fabric (ML58)
→ Belt
→ Glossy non-adhesive fabric (ML58)
→ Lower synthetic plate
→ Lower heated platen

Press settings	
Upper platen temperature	85 °C
Lower platen temperature	85 °C
Curing time in press	5 min.
Driving torque	30

Cooling time:
it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached.

• Notes

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