CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

P4/P

COMPOSITION

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

TECHNICAL SPECIFICATIONS

Total thickness	3.10 mm	*0.12*	*in.*
Weight	3.50 kg/m²	*0.71*	*lbs./sq.ft*
Elongation at 1%	20.0 N/mm	*114.0*	*lbs./in.*
Max. admissible pull	40 N/mm	*228.4*	*lbs./in.*
Temperature resistance (1) min.	0 °C	*32*	*°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	200 mm	*7.9*	*in.*
Counter-bending roller	400 mm	*15.8*	*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	2000 mm	*79*	*in.*

SUITABLE FOR

Punchers

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

It is recommended to operate the blades over the entire belt width to avoid undesired weaving effects.

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CONVEYOR AND PROCESS BELTS **JOINING DATA SHEET**

P4/P

• Recommended joining procedure

SKIVED JOINT '1'

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

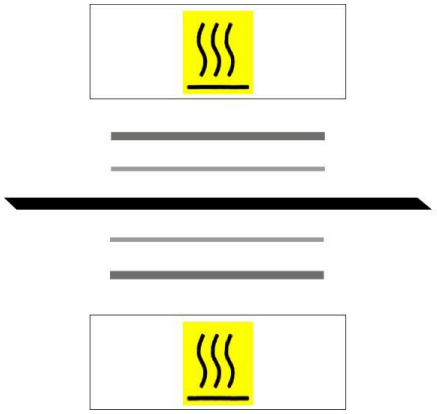
• Skiving instructions

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	3,1	100	Diagonal	2-10	90	1	17,05	---	88	1	17,5	---
B300 SA	3,1	100	Diagonal	2-10	95	1	10-15	---	93	1	11-00	---

• 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	100 °C
Lower platen temperature	100 °C
Curing time in press	30 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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