CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

P4

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.	---
Weft type	---

Driving surface

Material	Fabric with synthetic elastomer (NBR) impregnation	
Thickness	--- mm	--- in.
Surface pattern	Smooth	
Colour	Green	

TECHNICAL SPECIFICATIONS

Total thickness	3.40 mm	0.13	in.
Weight	3.70 kg/m²	0.75	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	0.60 [-]
■ Laminated plastic/wood	0.50 [-]
■ Steel roller	0.60 [-]
■ Rubberized roller	0.70 [-]

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.

PRODUCT CODE **CG6**

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· Recommended joining procedure   SKIVED JOINT '1'

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

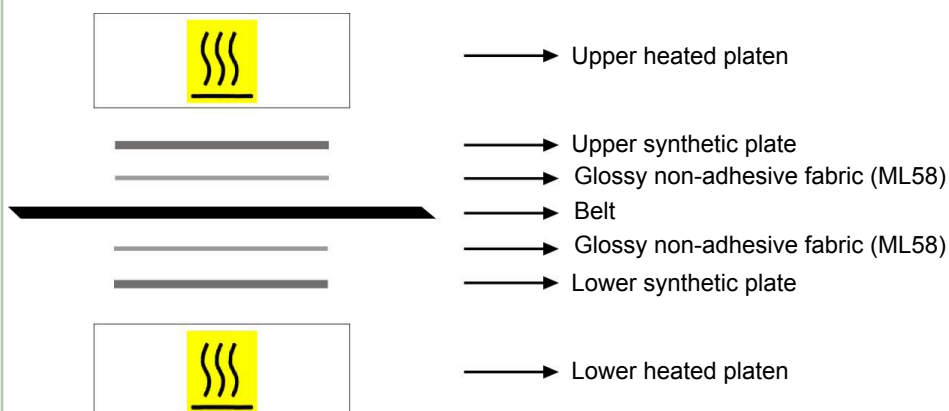### · Skiving instructions

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	3,4	100	Diagonal	2-10	90	0	17,35	---	90	1	16,95	---
B300 SA	3,4	100	Diagonal	2-10	98	0	11-00	---	98	1	10-16	---

· 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	110 °C
Lower platen temperature	110 °C
Curing time in press	20 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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