CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA140	TYPE	CNG

COMPOSITION

Conveying surface

Material	Synthetic elastomer	
Thickness	0.10 mm	0.004 in.
Surface pattern	Smooth	
Colour	Green	
Coefficient of friction	MF	

Textile carcass

Material	Polyamide (PA)/cotton fabric
Plies no.	2
Weft type	Flexible

Driving surface

Material	Polyamide (PA)/cotton fabric	
Thickness	--- mm	--- in.
Surface pattern	Fabric	
Colour	Grey	

TECHNICAL SPECIFICATIONS

Total thickness	0.70 mm	0.03 in.
Weight	0.70 kg/m^2	0.14 lbs./sq.ft
Elongation at 1%	2 N/mm	11.0 lbs./in.
Max. admissible pull	4 N/mm	22.8 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	20 mm	0.8 in.
■ Counter-bending roller	25 mm	1.0 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	1200 mm	47 in.

SUITABLE FOR

Textile: spindle tapes

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	no
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	6

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Issue: 24-07-2009   Last Update: 23-06-2016

CHIORINO® 1906

CONVEYOR AND PROCESS BELTS

CODE	NA140	TYPE	CNG

· Recommended joining procedure

SKIVED JOINT '1'

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

· Skiving instructions
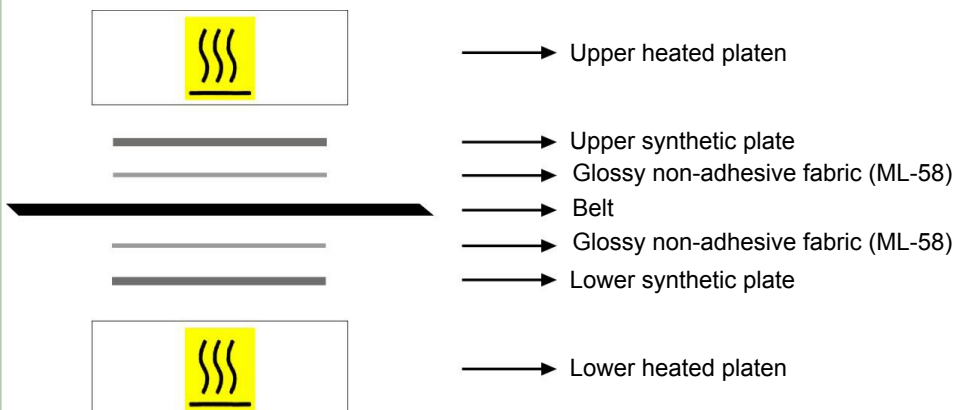
Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
					T mm	B mm	Thickness adjustment	End stop switch of working plate	T mm	B mm	Thickness adjustment	End stop switch of working plate
B600 A	0,7	15	Straight	1.10	25	-10	19,95	---	---	---	---	---
B300 SA	0.70,7	15	Straight	1.10	28	-10	12-14	---	---	---	---	---

· 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 (ML-58)
→ Belt
→ Glossy non-adhesive fabric (ML-58)
→ Lower synthetic plate

→ Lower heated platen

Press settings	
Upper platen temperature	100 °C
Lower platen temperature	100 °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

To prevent the joint from being stiff, apply the cement only on one of the two skives.

Issue: 25-01-2006   Last Update: 30-01-2014