

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

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%	2.0 N/mm	11.0 lbs./in.
Max. admissible pull	4 N/mm	22.8 lbs./in.
Temperature resistance ⁽¹⁾	min. -20 °C max. 100 °C	-4 °F 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

PRODUCT CODE NA140

Last Update: 23-06-2016

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.

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• Recommended joining procedure

SKIVED JOINT '1'



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

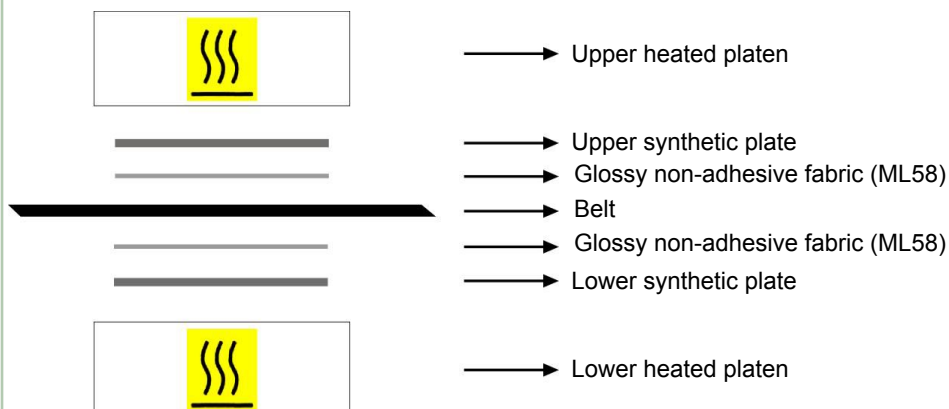
• Skiving instructions

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	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



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.

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