

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET
CODE NA-138
TYPE
NT3
COMPOSITION

Conveying side	material	Synthetic elastomer (NBR)		
	thickness	1,0	mm	0,039 in
	cover finish	FL		
	colour	green		
	coeff. of friction	MF		
Textile carcass	material	Polyamide (PA)		
	no. of plies	3		
	type of weft	flexible		
Driving side	material	Fabric with Polyurethane (TPU)		
	thickness	---	mm	---
	cover finish	fabric		
	colour	black		

TECHNICAL SPECIFICATIONS

Total thickness		3,0	mm	0,12	in.
Weight		3,2	kg/m ²	0,65	lbs./sq.ft
Trazione all'1% d'allungamento		6	N/mm	34,3	lbs./in.
Max. admitt. load		12	N/mm	69	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 pulley diameter

■ knife edge	no		
■ bending pulley	40	mm	1,57 in.
■ counter-bending pulley	50	mm	1,97 in.

the above mentioned values depend on the type of CHIORINO joint recommended

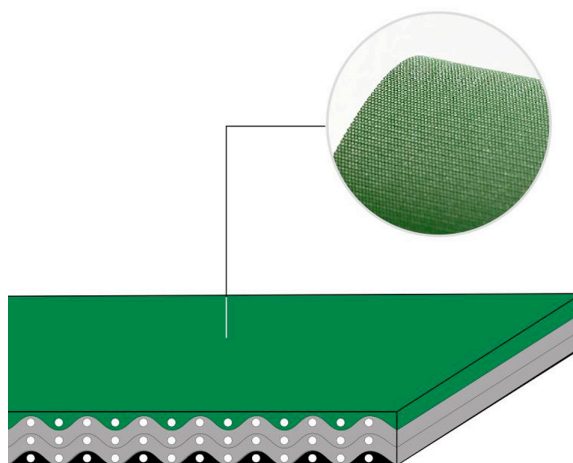
Coefficient of friction of driving surface

■ 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.

JOINTING METHODS

See jointing data sheet

NOTES

FEATURES

FDA conformity	no
USDA conformity	no
HACCP conformity (CEE 72/2002)	no
Flame Retardant (EN20340-ISO340)	no
Humidity influence	yes
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN 1718)	yes
Static conductivity (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 (see chart of chemical resistances)	6

SUITABLE FOR

Packaging and confectionary
 Paper industry
 Carton folding industry
 Publishing
 Wood industry
 Magnetic conveying
 Mechanical industry

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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.

CODE **NA-138**

TYPE

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• Recommended jointing procedure

SKIVED JOINT '4'



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

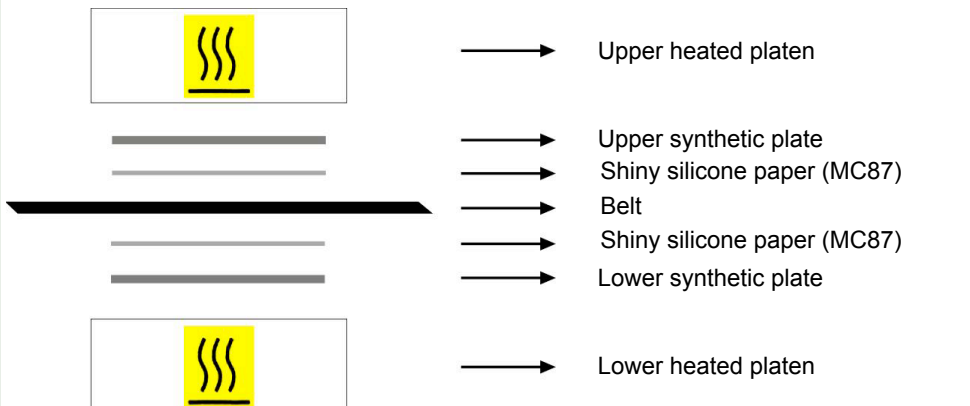
• Skiving instructions

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	3,0	60	Straight	1.50-14	48	0	18,30	---	48	5	17,70	---
B300 SA	3.0	60	Straight	1.50-14	51	0	11.17	---	49	7.5	11-01	---

• Guide to the use of adhesives

Apply the **K cement** on the polyamide part of the splices. Let dry for 5 minutes.
 Pour the **I hardener** with the **R cement** (pot-life 2 hours).
 Apply the above mix on the elastomer or leather 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	10 min.
Driving torque	30 N/m
Cooling time: the belt shall be removed from the press only when room temperature is reached.	

• Notes

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