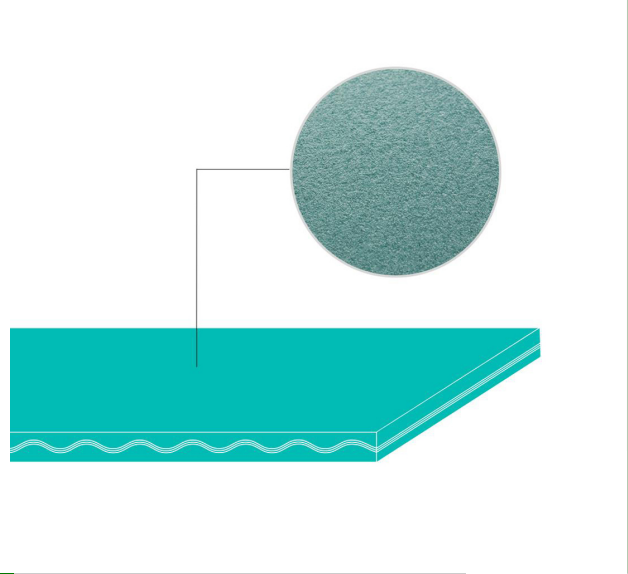


CODE	NA223	TYPE	SILON 60 NA
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COMPOSITION		
Conveying surface	Material	Non-woven polyester (PET)
	Thickness	--- mm --- in.
	Surface pattern	Rough
	Colour	Light blue
	Coefficient of friction	LF
Textile carcass	Material	Polyester (PET)
	Plies no.	3
	Weft type	Flexible
Driving surface	Material	Non-woven polyester (PET)
	Thickness	--- mm --- in.
	Surface pattern	Rough
	Colour	Light blue

TECHNICAL SPECIFICATIONS		
Total thickness	5.50 mm	0.22 in.
Weight	3.40 kg/m ²	0.69 lbs./sq.ft
Elongation at 1%	10.0 N/mm	57.0 lbs./in.
Max. admissible pull	10 N/mm	57.1 lbs./in.
Temperature resistance ⁽¹⁾		
■ Min.	-20 °C	-4 °F
■ Max. - Single-z joint	100 °C	212 °F
■ Max. - Skived joint	120 °C	248 °F
⁽¹⁾ use of the belt with limit values may reduce its life		
Minimum roller diameter		
■ Knife edge	no	
■ Bending roller - Single-z joint	85 mm	3.4 in.
■ Bending roller - Skived joint	100 mm	3.9 in.
■ Counter-bending roller	125 mm	4.9 in.
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.

COMPLIANCES	
REACH EC 1907/2006 Regulation and Amendments	



FEATURES	
Humidity influence	yes
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
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	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances link	11

SUITABLE FOR	
Wood industry	
Box folding industry	
Packaging	
Materials handling	
Tin cans magnetic elevators	

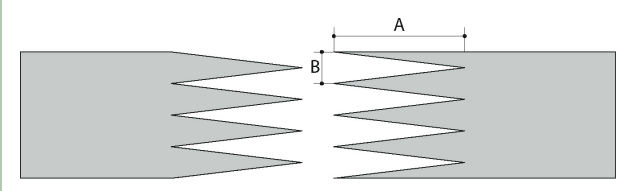
NOTES	
Due to the product structure, these data represents a guideline only and can be changed without notice.	

Issue: 24-07-2009 Last Update: 15-10-2018

DISCLAIMER
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CODE **NA223** TYPE **SILON 60 NA**

Recommended joining procedure **SINGLE Z - 80 x 20 mm**



A	80 mm
B	20 mm

Other joining methods can be used:
 DIAGONAL SINGLE Z
 SKIVED JOINT '1'

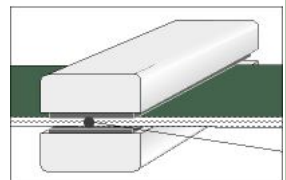
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

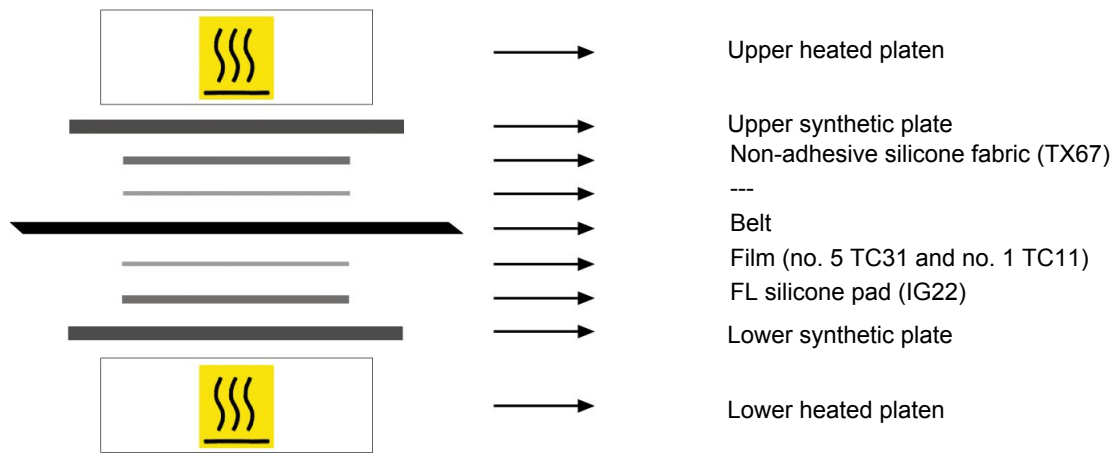
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	3 min.
Pressure	1,5 bar
Film	see notes
Cement	---

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side. A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



• Notes

1. Apply in sequence 5 layers of TC-31 + 1 layer of TC-11 film. PU layer on contact with the belt.
2. Space out the ends of 3 mm.

Issued: 01-03-2013 Last Update: 11-12-2017

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CODE **NA223** TYPE **SILON 60 NA**

• Recommended joining procedure SKIVED JOINT '1'



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

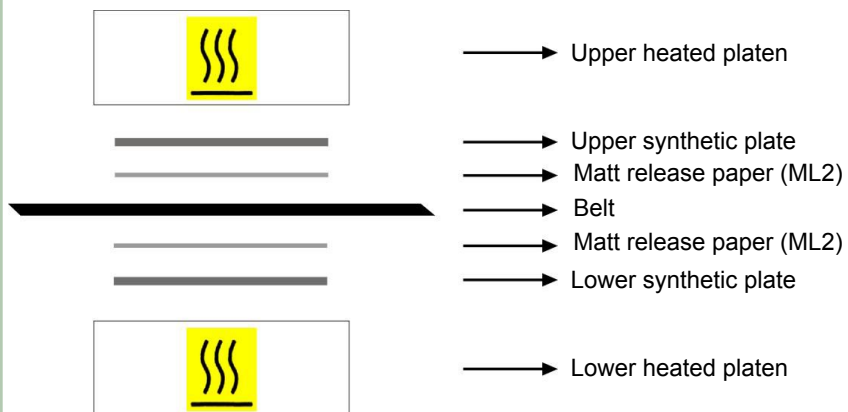
• Skiving instructions

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	5,4	60	Diagonal	1-10	6	15	17.85	---	---	---	---	---
B300 SA	---	---	---	---	---	---	---	---	---	---	---	---

• Guide to the use of adhesives

Pour the **I hardener** with the **R cement** (pot-life 2 hours).
 Apply a thin layer of above mix on both 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	20 min.
Driving torque	30 Nm
Cooling time: it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached.	

• Notes

Issue: 30-09-2005

Last Update: 30-01-2014

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