

CODE NA-224
TYPE
SILON 25 W
COMPOSITION

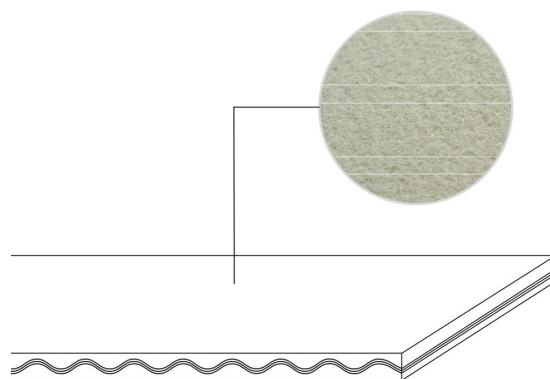
Conveying surface	Material	Non-woven polyester (PET)	
	Thickness	--- mm	--- in.
	Surface pattern	Rough	
	Colour	White	
Textile carcass	Material	Polyester (PET)	
	Plies no.	3	
	Weft type	Flexible	
Driving surface	Material	Non-woven polyester (PET)	
	Thickness	--- mm	--- in.
	Surface pattern	Rough	
	Colour	White	

TECHNICAL SPECIFICATIONS

Total thickness	2.50 mm	0.10 in.
Weight	1.30 kg/m ²	0.27 lbs./sq.ft
Elongation at 1%	10 N/mm	57.0 lbs./in.
Max. admissible pull	10 N/mm	57.0 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	30 mm	1.2 in.
■ Bending roller - Skived joint	30 mm	1.2 in.
■ Counter-bending roller	50 mm	2.0 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
 EC 1935/2004 Regulation and Amendments
 EC 2023/2006 Regulation and Amendments
 EU 10/2011, 2017/752 Regulation and Amendments
 FDA (Food and Drug Administration)


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

Food: bread
 Packaging
 Industrial laundries
 Food: pizza

NOTES

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

Issue: 24-07-2009

Last Update: 12-12-2018

DISCLAIMER

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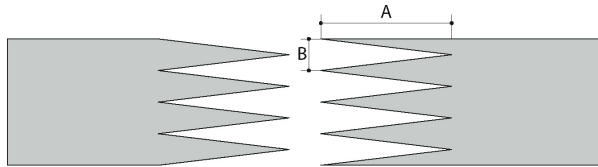
SILON 25 W

Recommended joining procedure

SINGLE Z

Other joining methods can be used:

DIAGONAL SINGLE Z
SKIVED JOINT '1'



A	80 mm
B	20 mm

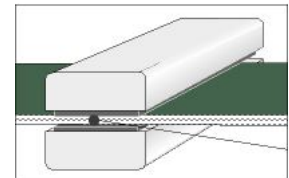
Check our general catalogue to get further info on CHIORINO joining methods.

• 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	---

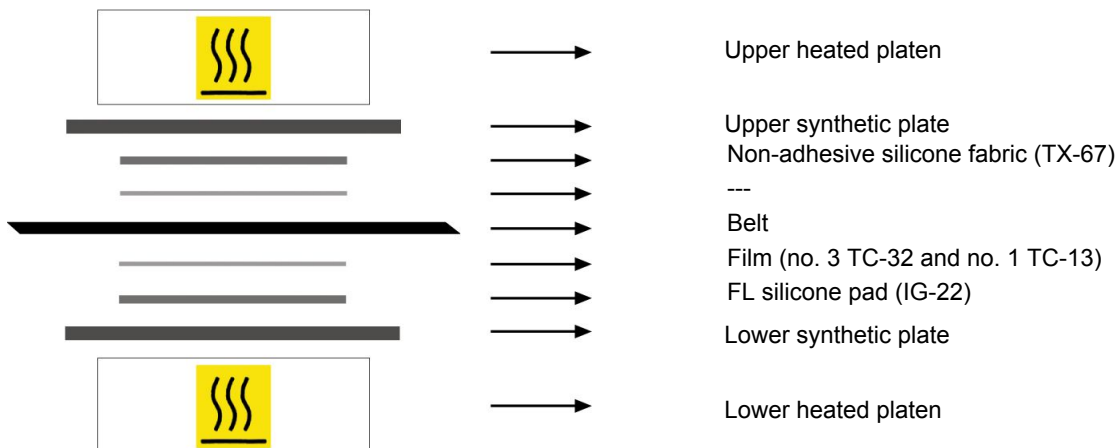
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



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 3 layers of TC-32 + 1 layer of TC-13 film. PU layer on contact with the belt.
2. Space out the ends of 3 mm.

Issued: 06-02-2013

Last Update: 11-12-2017

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• Recommended joining procedure SKIVED JOINT '1'



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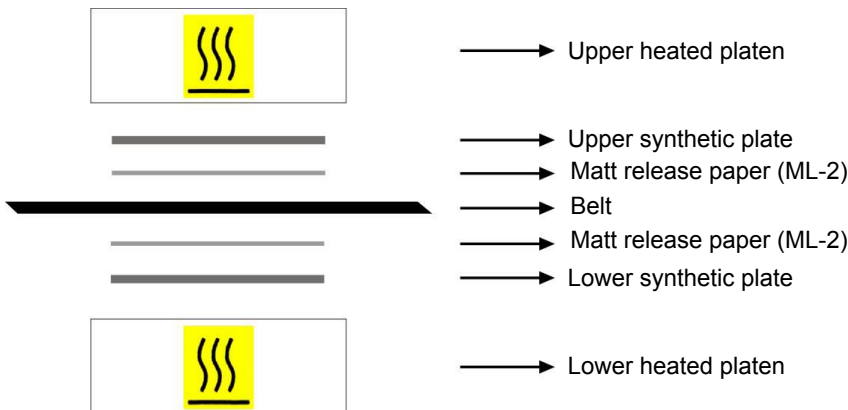
• Skiving instructions

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	2,5	40	Diagonal	1-10	15	5	18.95	---	---	---	---	---	---
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.
 Kit: **SINTECOL**

• Layout of components



Press settings	
Upper platen temperature	100 °C
Lower platen temperature	100 °C
Curing time in press	15 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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