

CODE CG-297
TYPE
DG-E 10/40 HS
COMPOSITION
Top surface

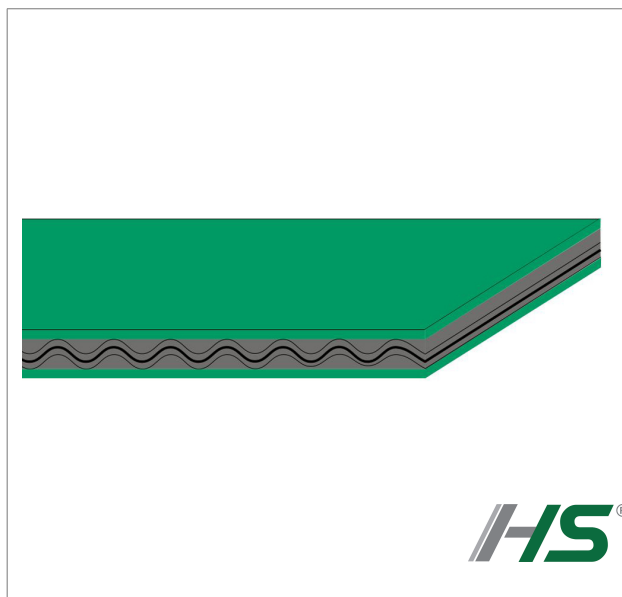
material	Synthetic elastomer
finish	FL
colour	Green
coefficient of friction	0.7

Traction core

material	Polyester (PET)
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Bottom surface

material	Synthetic elastomer
finish	FL
colour	Green
coefficient of friction	0.7


TECHNICAL SPECIFICATIONS

Total thickness	4.00 mm	0.16 in.
Weight	5.00 kg/m ²	1.02 lbs./sq.ft
Minimum pulley diameter (1)	40 mm	1.6 in.
(1) The above mentioned values depend on running speed		
Pull for 1% elongation	15 N/mm	86 lbs./in.
Tensile strength	250 N/mm	1428 lbs./in.
Temperature resistance (2)	min.	-20 °C -4 °F
	max	80 °C 176 °F
(2) Use of the belt with limit values may reduce its life		
Humidity influence	no	
Permanent antistatic dynamically (UNI EN ISO 21179)	yes	
Both sides can be used for power transmission	yes	

SUITABLE FOR

Paper industry: tissue

Paper industry: tube winders

Paper industry: multiple drives

Box folding industry: folder-gluer

Wood industry

FEATURES

- High resistance to abrasion
- Outstanding flexibility
- Excellent coefficient to friction and performance maintenance over time
- Excellent resilience of elastomer cover
- Excellent resilience in the joining
- Excellent creep recovery of all strains to which it undergoes during particularly hard processing cycles

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments

NOTES

Belts designed for very high-speed folder-gluer

Joining methods: "FAST JOINT" system without using adhesives.

Issue: 24-01-2017

Last Update: 24-01-2017

DISCLAIMER

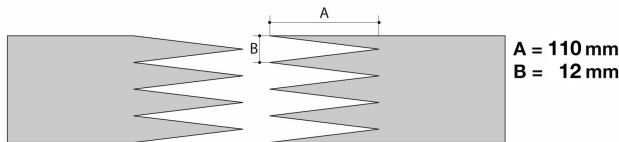
The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable 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 SINGLE Z



Other joining methods can be used:

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

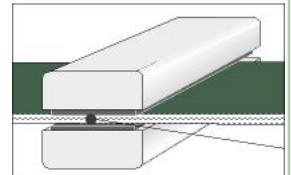
• Pressing

Heating press P \ PL \ PLS

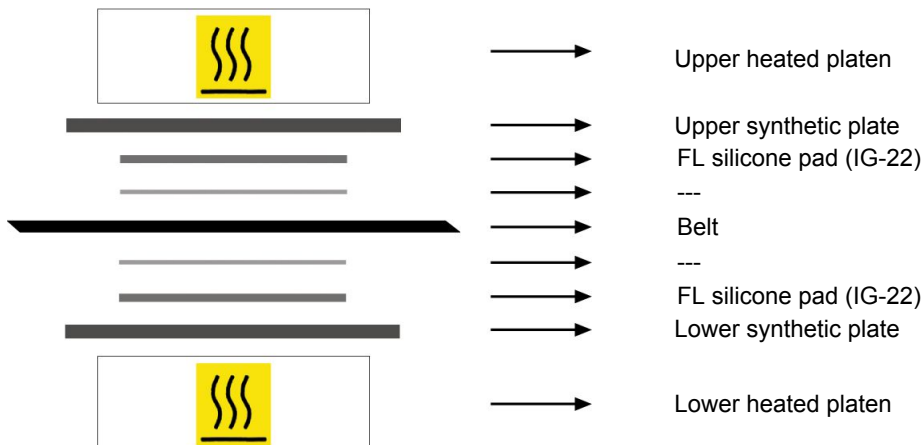
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	2 min.
Pressure	2 bar
Film	
Cement	---

Advice for the press adjustment:

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

Set at 50°C the cooling temperature at end of cycle IG-22 - smooth side in contact with the material.

Issue: 26-01-2017

Last Update: 26-01-2017

DISCLAIMER

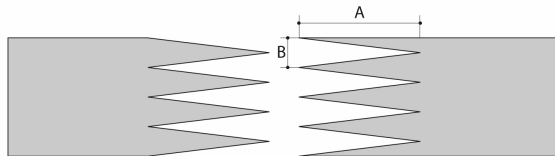
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CODE **CG-297**

TYPE

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Recommended joining procedure FAST JOINT SINGLE Z



A = 95 mm
B = 8 mm

Other joining methods can be used:

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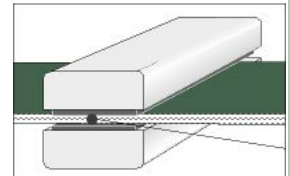
Pressing

Heating press **P120 FJ**

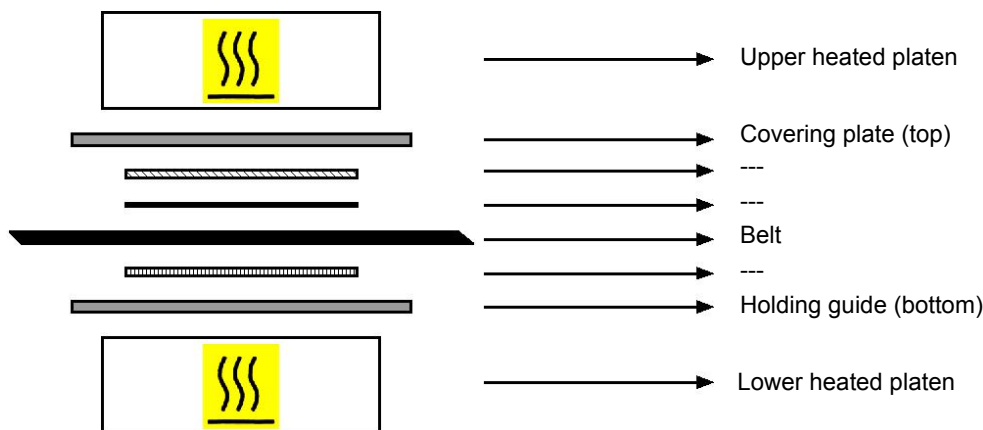
Press settings	
Upper platen temperature	200 °C
Lower platen temperature	200 °C
Temperature gauge setting	--- °C
Curing time in press	10 min.
Cooling time	15 min.

Advice for the press adjustment:

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

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