

CODE CG328
TYPE
T55/30E
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	Carboxylic elastomer (XNBR)
finish	FL
colour	Black
coefficient of friction	0,7

TECHNICAL SPECIFICATIONS

Total thickness	3.00 mm	0.12 in.
Weight	3.20 kg/m ²	0.65 lbs./sq.ft
Minimum pulley diameter (1)	50 mm	2.0 in.
(1) The above mentioned values depend on running speed		
Pull for 1% elongation	21 N/mm	120 lbs./in.
Tensile strength	290 N/mm	1656 lbs./in.
Temperature resistance (2)	min.	-20 °C
	max	80 °C
(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	

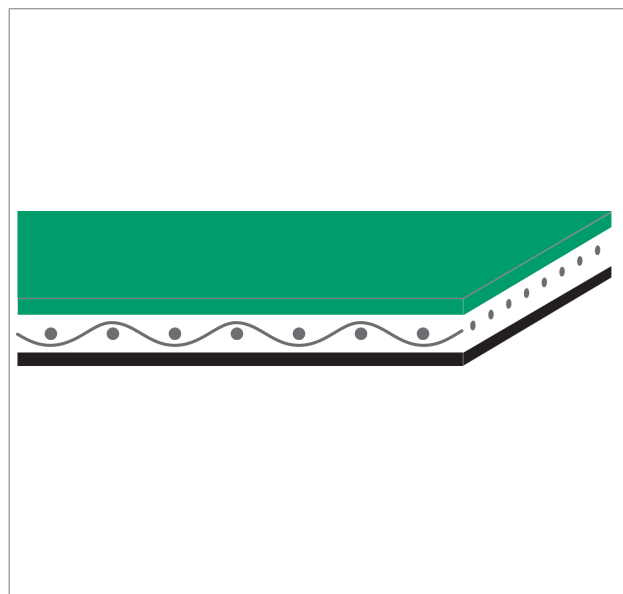
SUITABLE FOR

Textile: tangential drives

Materials handling: live roller drives

Paper industry

Wood industry


FEATURES

- High power transmission at reduced initial working tension
- Dimensionally stable regardless of weather changes
- Excellent silent running
- Belt can be run in either direction
- Low energy absorption

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

The value indicated in the "Pull for 1% elongation" field refers to the relaxed K value.

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

Issue: 06-02-2016

Last Update: 26-05-2023

DISCLAIMER

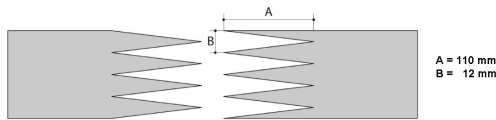
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CODE **CG328**

TYPE

T55/30E

• Recommended joining procedure **SINGLE Z - 110 x 12 mm**



Other joining methods can be used:

- MICRO Z - 30 x 6 mm
- FAST JOINT SINGLE Z - 95 x 8 mm
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Check our general catalogue to get further info on CHIORINO joining methods.

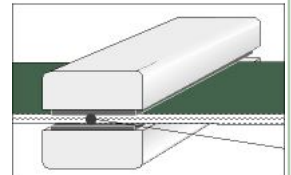
• Pressing

Heating press **P \ PL \ PLS**

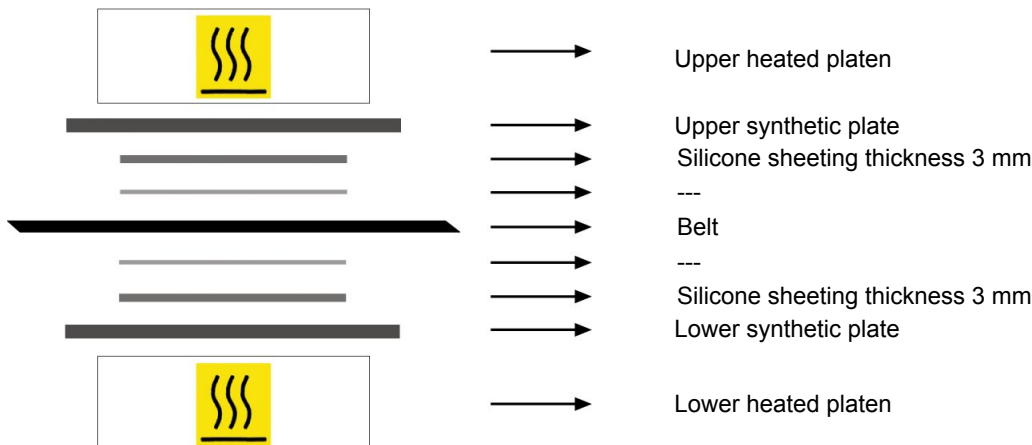
Press settings	
Upper platen temperature	185 °C
Lower platen temperature	185 °C
Temperature gauge setting	170 °C
Curing time in press	2 min.
Pressure	2.5 bar
Film	none
Cement	---

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

The curing time can vary according to the used press.

It is advisable to perform a joining test with the purpose of refining, if necessary, the value of time useful to reach the temperature of 170 °C measured by the feeler.

Issue: 15-02-2019

Last Update: 15-02-2019

DISCLAIMER

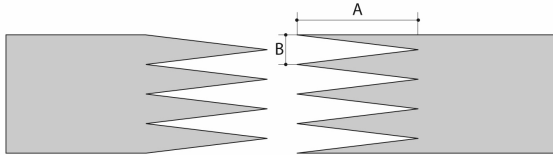
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CODE **CG328**

TYPE

T55/30E

Recommended joining procedure FAST JOINT SINGLE Z - 95 x 8



A = 95 mm
B = 8 mm

Other joining methods can be used:

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

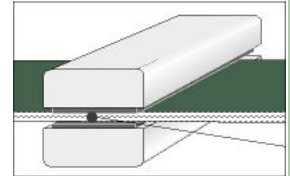
Pressing

Heating press **P120 FJ**

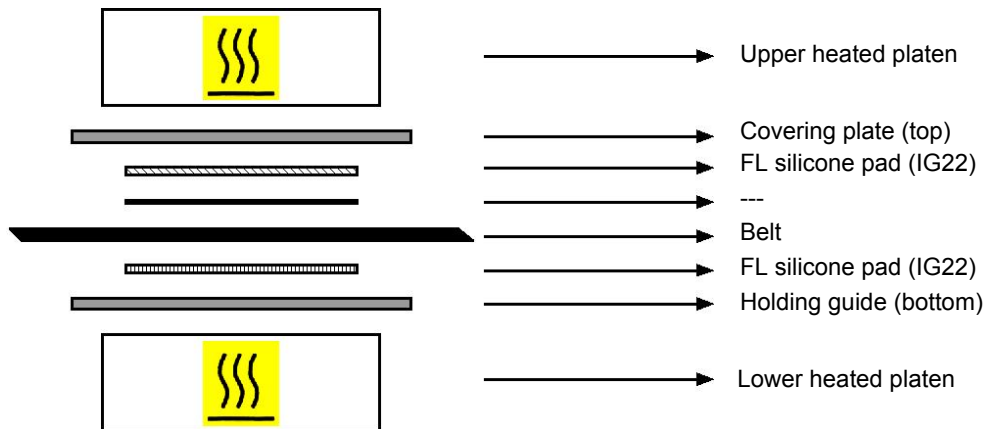
Press settings	
Upper platen temperature	200 °C
Lower platen temperature	200 °C
Temperature gauge setting	185 °C
Curing time in press	7 min.
Cooling time	15 min.

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

Issue: 16-02-2019

Last Update: 16-02-2019

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