

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA-118**
**TYPE**
**2M8 U0-U-G10 FH**
**COMPOSITION**

<b>Conveying side</b>	material	Natural elastomer (NR)		
	thickness	1,0 mm	0,039 in	
	cover finish	FH		
	colour	green		
	coeff. of friction	HF		
<b>Textile carcass</b>	material	Polyester (PET)		
	no. of plies	2		
	type of weft	rigid		
<b>Driving side</b>	material	Fabric with Polyurethane (TPU)		
	thickness	--- mm	--- in	
	cover finish	fabric		
	colour	black		

**TECHNICAL SPECIFICATIONS**

Total thickness		2,3 mm	0,09 in.
Weight		2,4 kg/m <sup>2</sup>	0,49 lbs./sq.ft
Elongation at 1%		8 N/mm	45,7 lbs./in.
Max. admitt. load		16 N/mm	91 lbs./in.
Temperature resistance <sup>(1)</sup>	min.	-20 °C	-4 °F
	max.	+100 °C	212 °F

<sup>(1)</sup> use of the belt with limit values may reduce its life

Minimum pulley diameter <sup>(2)</sup>			
■ knife edge		no	
■ bending pulley	50 mm		1,97 in.
■ counter-bending pulley	60 mm		2,36 in.

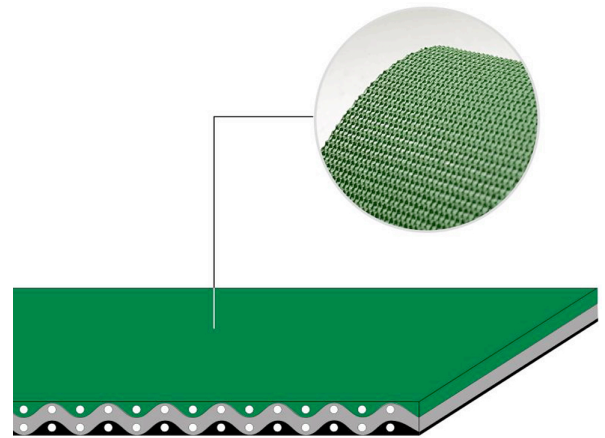
<sup>(2)</sup> the above mentioned values depend on the type of CHIORINO joint recommended

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	2000 mm	79 in.
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**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	no
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	no
Swan neck conveying	yes
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances (see chart of chemical resistances)	8

**SUITABLE FOR**

Packaging and confectionary  
 Paper industry  
 Carton folding industry  
 Publishing  
 Industrial laundries

Issue: 28-07-2005

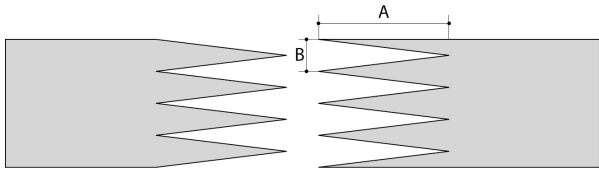
Date last modified: 29-05-2007

**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-118** TYPE **2M8 U0-U-G10 FH**

Recommended jointing procedure **SINGLE Z**



A	80mm
B	10mm

Other jointing methods can be used:  
 DIAGONAL SINGLE Z  
 DOUBLE Z  
 SKIVED JOINT '2'

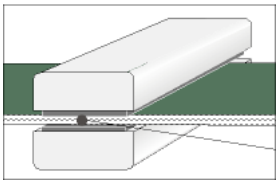
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

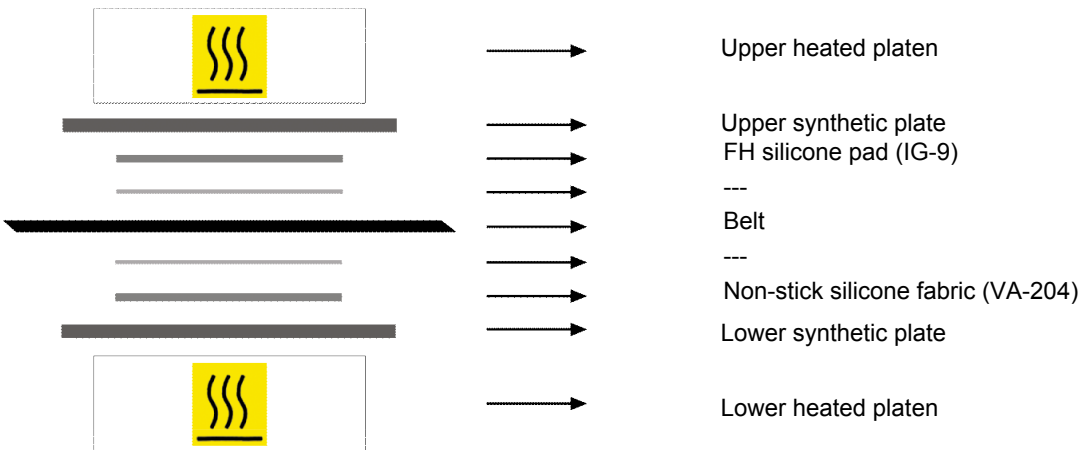
Press settings	
Upper platen temperature	180 °C
Lower platen temperature	110 °C
Temperature gauge setting	145 °C
Curing time in press	2 min.
Pressure	2 bar
Film	none
Cement	---

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

Issued: 25-10-2004 Date last modified: 28-04-2006

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