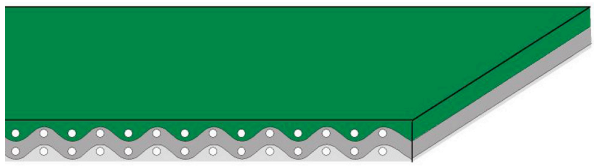
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-803 **TYPE** **2M12 U0-U3 R A**

COMPOSITION

Conveying side	material	Polyurethane (TPU)		
	thickness	0,3 mm	*0,012*	*in*
	cover finish	smooth		
	colour	green		
	coeff. of friction	LF		
Textile carcass	material	Polyester (PET)		
	no. of plies	2		
	type of weft	rigid		
Driving side	material	Fabric with Polyurethane (TPU)		
	thickness	--- mm	---	*in*
	cover finish	fabric		
	colour	white		



TECHNICAL SPECIFICATIONS

Total thickness	1,7 mm	*0,07*	*in.*
Weight	1,8 kg/m²	*0,37*	*lbs./sq.ft*
Elongation at 1%	12 N/mm	*68,5*	*lbs./in.*
Max. admitt. load	24 N/mm	*137*	*lbs./in.*
Temperature resistance [1] min.	-20 °C	*-4*	*°F*
max.	+100 °C	*212*	*°F*

[1] use of the belt with limit values may reduce its life

Minimum pulley diameter [2]

knife edge	no		
bending pulley	40 mm	*1,57*	*in.*
counter-bending pulley	50 mm	*1,97*	*in.*

[2] 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.*

JOINTING METHODS

See jointing data sheet

NOTES

R = high transversal rigidity

FEATURES

FDA conformity	yes
USDA conformity	no
HACCP conformity (CEE 72/2002)	no
Flame Retardant (EN20340-ISO340)	no
Humidity influence	no
Suitable to metal detector	yes
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	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances (see chart of chemical resistances)	5

SUITABLE FOR

In-house handling
Wood industry
Mechanical industry
Punching and cutting
Magnetic conveying
Printing of plastic materials

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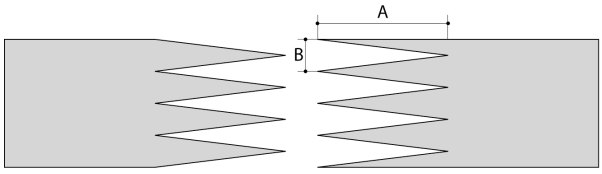
CONVEYOR AND PROCESS BELTS

JOINTING TECHNICAL DATA SHEET

CODE NA-803 **TYPE** **2M12 U0-U3 R A**

Recommended jointing procedure SINGLE Z



A	80mm
B	10mm

Other jointing methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '2'
STEP

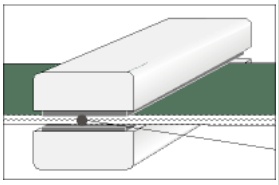
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

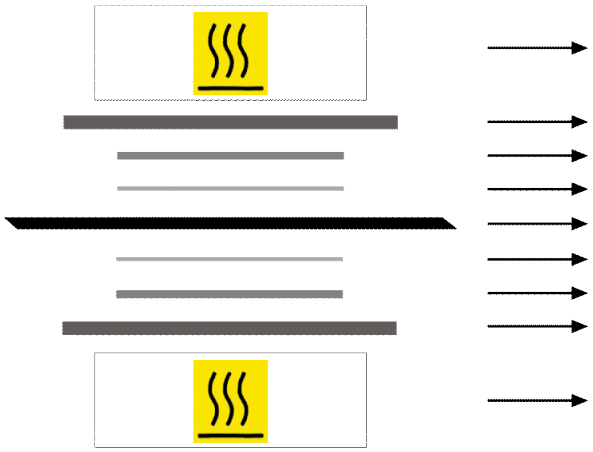
Press settings	
Upper platen temperature	150 °C
Lower platen temperature	150 °C
Temperature gauge setting	150 °C
Curing time in press	3 min.
Pressure	3 bar
Film	foil TC31
Cement	---

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



Upper heated platen
Upper synthetic plate
Mat silicone paper (MC88)
Film
Belt

Non-stick silicone fabric (VA-204)
Lower synthetic plate
Lower heated platen

• Notes

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