CHIORINO 1906

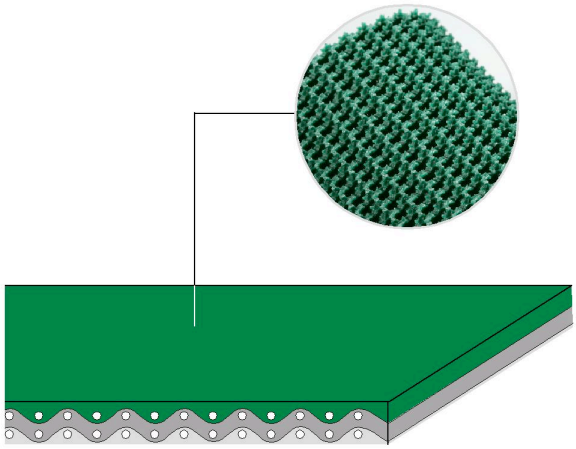
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-35 **TYPE** **2M12 U0-V20 GP**

COMPOSITION

Conveying side	material	Polyvinyl chloride (PVC)		
	thickness	2,0 mm	*0,079*	*in*
	cover finish	GP		
	colour	green		
	coeff. of friction	HF		
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	LdB fabric		
	colour	grey		



TECHNICAL SPECIFICATIONS

Total thickness	5,5 mm	*0,22*	*in.*
Weight	3,9 kg/m²	*0,80*	*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.	-10 °C	*14*	*°F*
max.	+60 °C	*140*	*°F*

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

Minimum pulley diameter [2]

knife edge	no		
bending pulley	50 mm	*1,97*	*in.*
counter-bending pulley	60 mm	*2,36*	*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

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)	4

SUITABLE FOR

Packaging and confectionary
In-house handling
Paper industry
Carton folding industry
Wood industry
Mechanical industry
Printing of plastic materials
Textile industry: finishing

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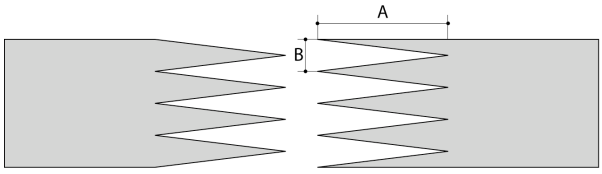
CONVEYOR AND PROCESS BELTS

JOINTING TECHNICAL DATA SHEET

CODE NA-35 **TYPE** **2M12 U0-V20 GP**

Recommended jointing procedure SINGLE Z



A	80mm
B	10mm

Other jointing methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '2'

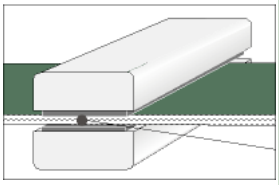
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

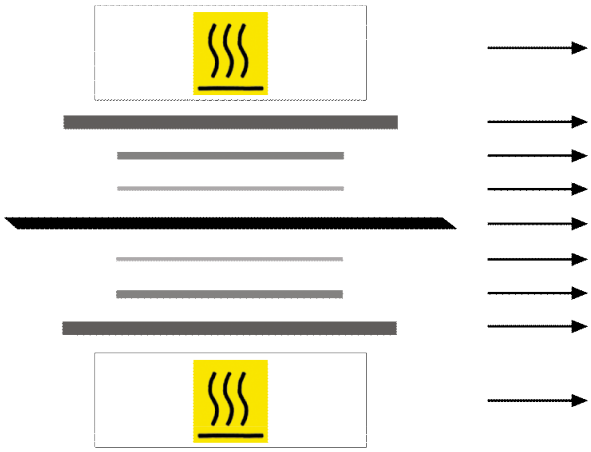
Press settings	
Upper platen temperature	185 °C
Lower platen temperature	185 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	2 bar
Film	none
Cement	--

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



Upper heated platen
Upper synthetic plate
GP silicone pad (IG-10)

Belt

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

• Notes

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