CHIORINO® 1906

2M12 U0-V-U5

COMPOSITION

Conveying surface

Material	Polyurethane (TPU)	
Thickness	0.50 mm	*0.020 in.*
Surface pattern	Smooth	
Colour	Green	
Coefficient of friction	LF	

Textile carcass

Material	Polyester (PET)
Plies no.	2
Weft type	Rigid

Driving surface

Material	Fabric with polyurethane (TPU) impregnation	
Thickness	--- mm	--- *in.*
Surface pattern	LdB fabric	
Colour	Grey	

TECHNICAL SPECIFICATIONS

Total thickness	2.00	mm	*0.08*	*in.*
Weight	2.50	kg/m²	*0.51*	*lbs./sq.ft*
Elongation at 1%	12	N/mm	*69.0*	*lbs./in.*
Max. admissible pull	24	N/mm	*137.0*	*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 radius / diameter [2]

■ Knife edge minimum radius		no	
■ Bending roller min. diameter	60	mm	*2.36 in.*
■ Counter-bending roller min. diameter	80	mm	*3.15 in.*

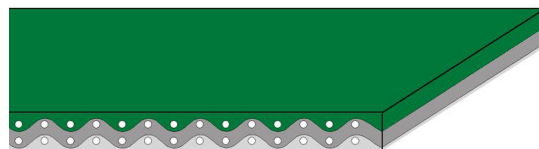[2] The above mentioned values depend on the type of CHIORINO joint recommended.

Coefficient of friction on 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.*

SUITABLE FOR

Wood industry
Packaging
Materials handling
Mechanical industry

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN 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 link	5

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments
EC 1935/2004 Regulation and Amendments
EC 2023/2006 Regulation and Amendments
EU 10/2011, 2023/1442 Regulation and Amendments
FDA (Food and Drug Administration)

NOTES

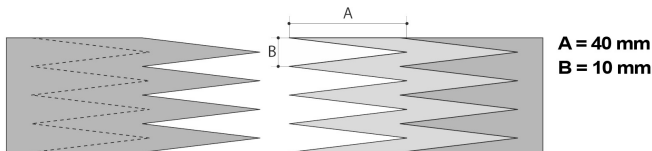PRODUCT CODE **NA436**   Last Update: 12-12-2018

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Recommended joining procedure	DOUBLE Z

A = 40 mm
B = 10 mm

**Other joining methods can be used:**

SKIVED JOINT '1'

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

• Pressing

Heating press   **P \ PL \ PLS**

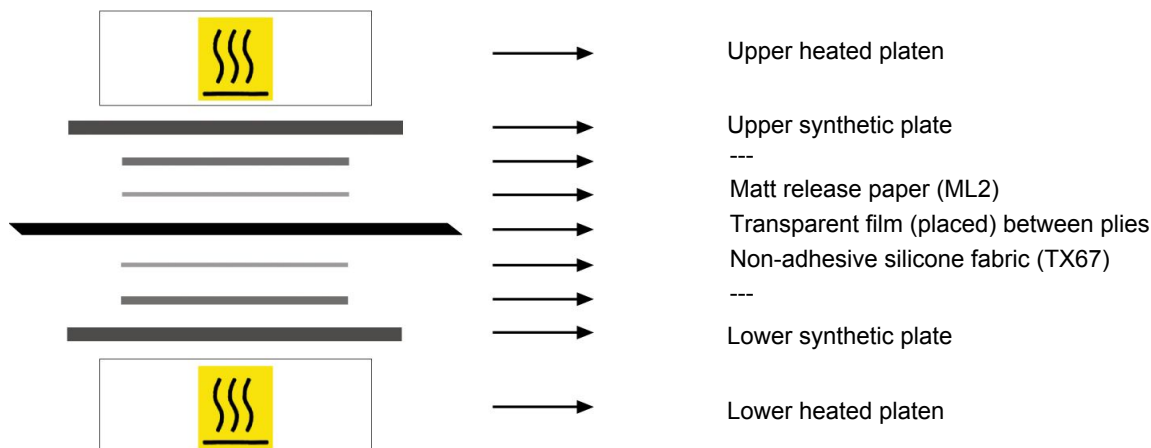| Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

1. Use the KM330 thermo-meter to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.
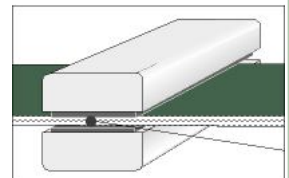
2. Allow the cooling cycle to be completed before removing the belt from the press.

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

Matt release paper (ML2)
Transparent film (placed) between plies
Non-adhesive silicone fabric (TX67)

Lower synthetic plate

Lower heated platen

• Notes

PRODUCT CODE NA436

Last Update: 30-01-2014

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