CHIORINO® 1906

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-834	TYPE	2M8 U0-V5 AGR

COMPOSITION

Conveying surface

Material	PVC 60 Sh.A (±5)
Thickness	0.50 mm *0.020 in.*
Surface pattern	Smooth
Colour	Green
Coefficient of friction	MF

Textile carcass

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

Driving surface

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

TECHNICAL SPECIFICATIONS

Total thickness	2.00	mm	*0.08*	*in.*
Weight	2.20	kg/m²	*0.45*	*lbs./sq.ft*
Elongation at 1%	8	N/mm	*46.0*	*lbs./in.*
Max. admissible pull	16	N/mm	*91.4*	*lbs./in.*
Temperature resistance [1]	min.	-15 °C	*5*	*°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   30 mm   *1.18 in.*
- Counter-bending roller min. diameter   40 mm   *1.57 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	3000	mm	*118 in.*

SUITABLE FOR

Fruits and vegetables

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
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	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	3

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Better resistance to low temperatures than the standard PVC belts.

Issue: 24-07-2009   Last Update: 23-06-2016

CONVEYOR AND PROCESS BELTS

JOINING TECHNICAL DATA SHEET

CODE	NA-834	TYPE	2M8 U0-V5 AGR

Recommended joining procedure — SINGLE Z

A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '2'

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

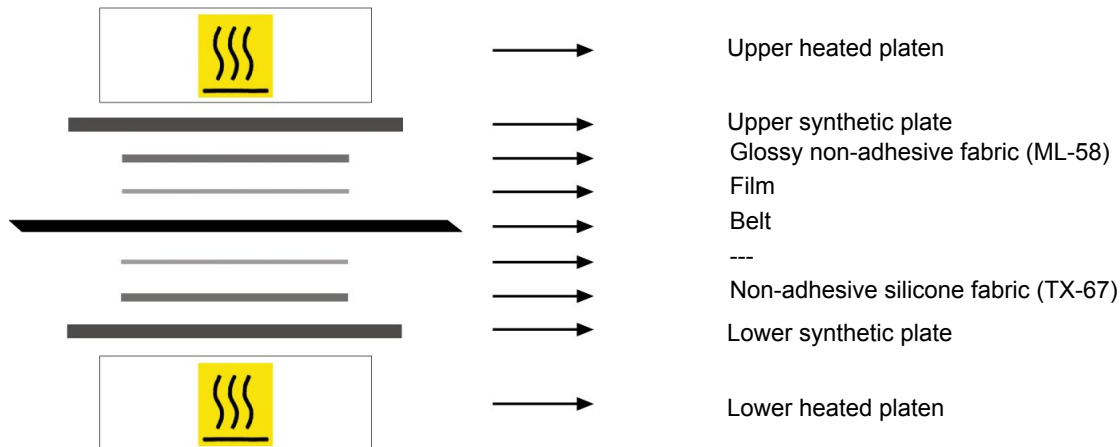### • Pressing

Heating press   P \ PL \ PLS

Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-384 - Apple green PVC film
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
	Glossy non-adhesive fabric (ML-58)
	Film
	Belt

	Non-adhesive silicone fabric (TX-67)
	Lower synthetic plate
≋	Lower heated platen

• Notes

Issued: 25-10-2004

Last Update: 30-01-2014