CHIORINO® 1906

CONVEYOR AND PROCESS BELTS

CODE	NA44	TYPE	1M6 U0-V5 N

COMPOSITION

Conveying surface

Material	PVC 70 Sh.A (±5)	
Thickness	0.50 mm	*0.020 in.*
Surface pattern	Smooth	
Colour	Black	
Coefficient of friction	LF	

Textile carcass

Material	Polyester (PET)
Plies no.	1
Weft type	Rigid

Driving surface

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

TECHNICAL SPECIFICATIONS

Total thickness	1.00	mm	*0.04 in.*
Weight	1.10	kg/m²	*0.22 lbs./sq.ft*
Elongation at 1%	6	N/mm	*34.0 lbs./in.*
Max. admissible pull	6	N/mm	*34.0 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 — 20 mm *0.79 in.*
- Counter-bending roller min. diameter — 25 mm *0.98 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	3500 mm	*138 in.*

SUITABLE FOR

Packaging
Supermarkets check-outs

FEATURES

Humidity influence	no
Suitable to metal detector	no
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	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances link	2

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments
Flame Retardant UNI EN ISO 340
Flame Retardant UL94HB Horizontal Burning

NOTES
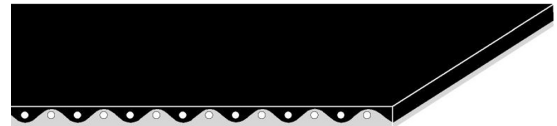
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CONVEYOR AND PROCESS BELTS

JOINING TECHNICAL DATA SHEET

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Recommended joining procedure   SINGLE Z - 80 x 10 mm

A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z

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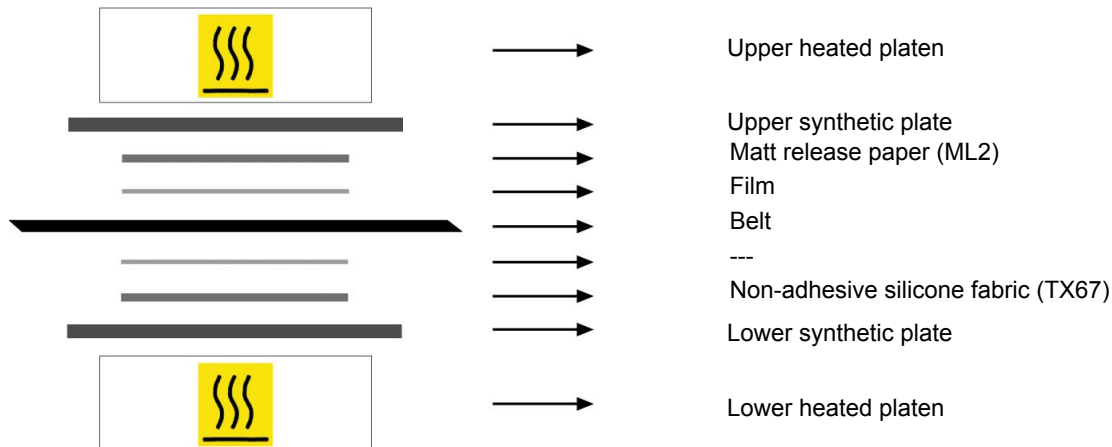
• Pressing

Heating press   P \ PL \ PLS

Press settings	
Upper platen temperature	170 °C
Lower platen temperature	170 °C
Temperature gauge setting	170 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC28 - Black 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
	Matt release paper (ML2)
	Film
	Belt

	Non-adhesive silicone fabric (TX67)
	Lower synthetic plate
	Lower heated platen

• Notes

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