CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-91	TYPE	2M8 U0-V-U0

COMPOSITION

Conveying surface

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

TECHNICAL SPECIFICATIONS

Total thickness	1.50	mm	0.06	in.
Weight	1.50	kg/m²	0.31	lbs./sq.ft
Elongation at 1%	8	N/mm	46.0	lbs./in.
Max. admissible pull	16	N/mm	91.0	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 — 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

Food: confectionery
Packaging
Tanning industry
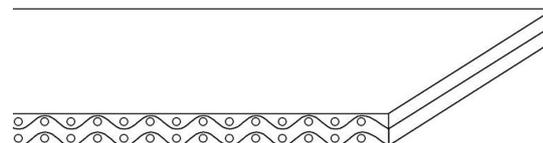
FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (UNI EN ISO 284)	yes
Conveying on skid bed	yes
Conveying on rollers	yes
Conveying on skid bed on top and return	yes
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances link	1

COMPLIANCES

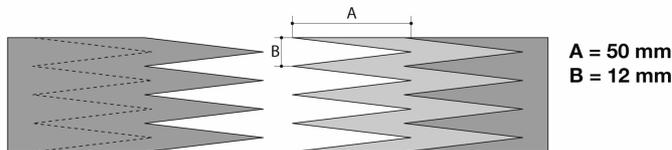REACH EC 1907/2006 Regulation and Amendments
FDA (Food and Drug Administration)

NOTES

CONVEYOR AND PROCESS BELTS

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Recommended joining procedure   DOUBLE Z

A = 50 mm
B = 12 mm

Other joining methods can be used:

SKIVED JOINT '1'

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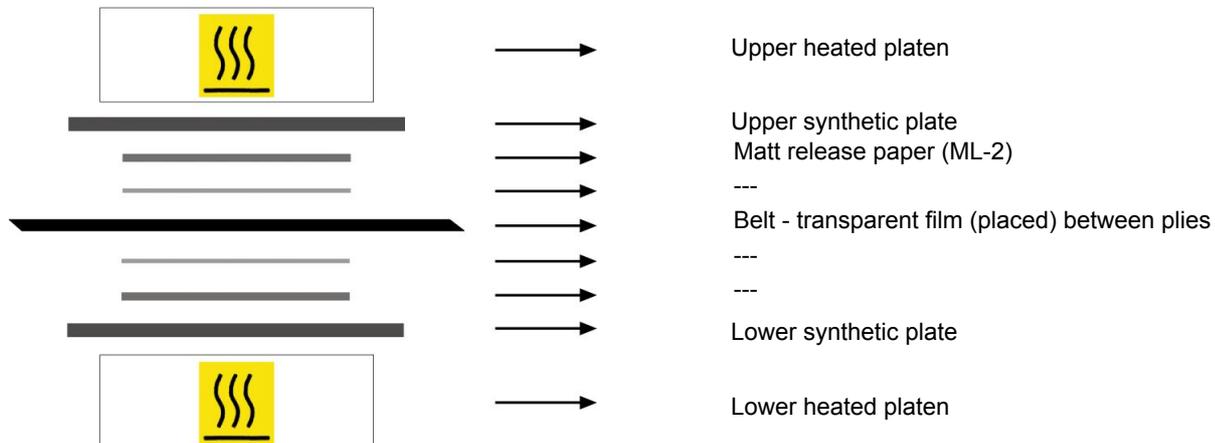

• Pressing

Heating press   **P \ PL \ PLS**

Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °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.
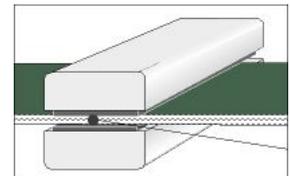
2. Allow the cooling cycle to be completed before removing the belt from the press.

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 (ML-2)
→ ---
→ Belt - transparent film (placed) between plies
→ ---
→ ---
→ Lower synthetic plate

→ Lower heated platen

• Notes

- Film between plies in white PVC code TC-26.
- Belts must be joined with the antistatic on the coveying side.

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