CHIORINO 1906

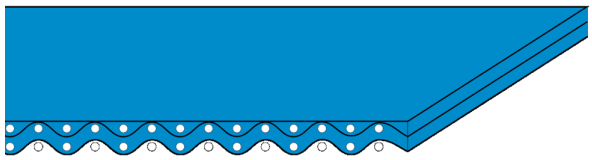
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-1057 **TYPE** **2M5 U0-U0 HP blue A**

COMPOSITION

Conveying surface	material	Fabric with Polyurethane (TPU) impregnation
	thickness	--- mm --- *in.*
	surface pattern	fabric
	colour	blue
	coefficient of friction	LF
Textile carcass	material	Polyester (PET)
	no. of plies	2
	type of weft	rigid
Driving surface	material	Fabric with Polyurethane (TPU) impregnation
	thickness	--- mm --- *in.*
	surface pattern	fabric
	colour	light blue



TECHNICAL SPECIFICATIONS

Total thickness	1,0 mm	*0,04*	*in.*
Weight	1,1 kg/m²	*0,22*	*lbs./sq.ft*
Elongation at 1%	6 N/mm	*34,3*	*lbs./in.*
Max. admissible pull	12 N/mm	*68,5*	*lbs./in.*
Temperature resistance [1] min.	-30 °C	*-22*	*°F*
Temperature resistance [1] max.	+110 °C	*230*	*°F*

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

Minimum roller diameter [2]

knife edge	yes		
bending roller	--- mm	---	*in.*
counter-bending roller	16 mm	*0,63*	*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

Food industry

FEATURES

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	yes
Static conductivity (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 (see file available on line)	12

CONFORMITIES

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

NOTES

Thanks to their outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, these belts are specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).

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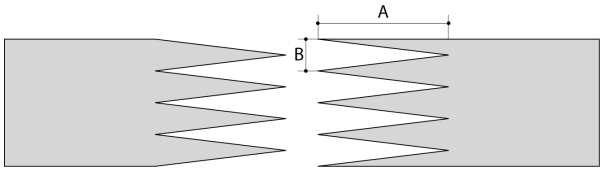
CHIORINO S.p.A. - VIA S. AGATA, 9 - 13900 BIELLA - ITALIA - P.O.B. 460 - TEL. +39-015-8489.1 - FAX +39-015.8496161
chiorino@chiorino.com - www.chiorino.com

CONVEYOR AND PROCESS BELTS

JOINTING TECHNICAL DATA SHEET

CODE NA-1057 **TYPE** **2M5 U0-U0 HP blue A**

Recommended jointing procedure SINGLE Z



A	80mm
B	10mm

Other jointing methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '1'
MICRO Z

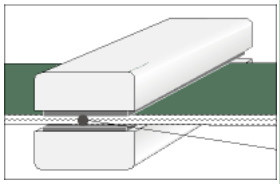
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

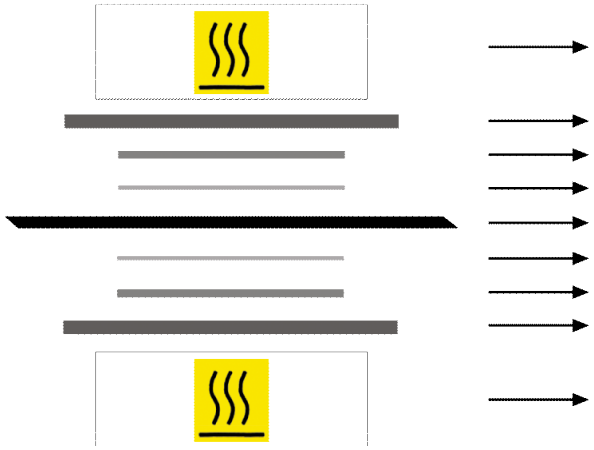
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-370 - PU "HP" blue film
Cement	---

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
Matt release paper (MC-88)
Film
Belt

Non-adhesive foil 2FG12 S0-S3 W (NA-755)
Lower synthetic plate
Lower heated platen

• Notes

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