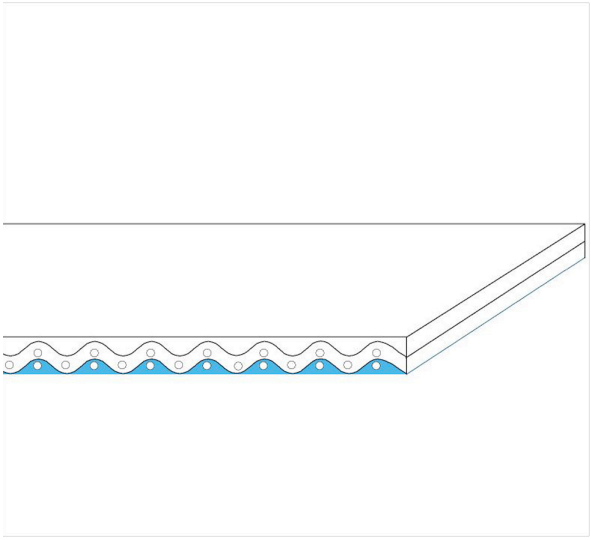
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-789 **TYPE** **2M5 U0-U2 HP W A**

COMPOSITION

Conveying side	material	Polyurethane (TPU)
	thickness	0,2 mm *0,008 in*
	cover finish	smooth
	colour	white
	coeff. of friction	MF
Textile carcass	material	Polyester (PET)
	no. of plies	2
	type of weft	rigid
Driving side	material	Fabric with Polyurethane (TPU)
	thickness	--- mm --- *in*
	cover finish	fabric
	colour	light blue



TECHNICAL SPECIFICATIONS

Total thickness	1,3 mm	*0,05 in.*	
Weight	1,4 kg/m²	*0,29 lbs./sq.ft*	
Elongation at 1%	6 N/mm	*34,3 lbs./in.*	
Max. admitt. load	12 N/mm	*69 lbs./in.*	
Temperature resistance [1]	min. -30 °C	*-22 °F*	
	max. +100 °C	*212 °F*	

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

Minimum pulley diameter [2]

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

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

Coefficient of friction of 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.*

JOINTING METHODS

See jointing data sheet

NOTES

The cover of **HP** polyurethane belts fully complies with the **HACCP** criteria: excellent resistance to baking oils and fats and to hydrolisis.

FEATURES

FDA conformity	yes
USDA conformity	yes
HACCP conformity (CEE 72/2002)	yes
Flame Retardant (EN20340-ISO340)	no
Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN 1718)	yes
Static conductivity (ISO 284)	no
Conveying on skid bed	yes
Conveying on rollers	no
Conveying on skid bed on top and return	no
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances (see chart of chemical resistances)	5

SUITABLE FOR

Packaging and confectionary
Food industry
Food industry: dough processing
Bakery
Chocolate industry
Fruit and vegetable industry
Dairy industry
Canning industry

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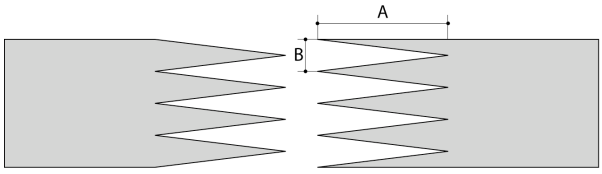
CONVEYOR AND PROCESS BELTS

JOINTING TECHNICAL DATA SHEET

CODE NA-789 **TYPE** **2M5 U0-U2 HP W A**

Recommended jointing procedure SINGLE Z



A	80mm
B	10mm

Other jointing methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '1'

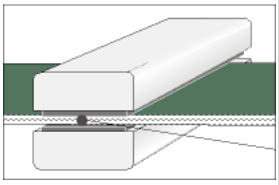
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

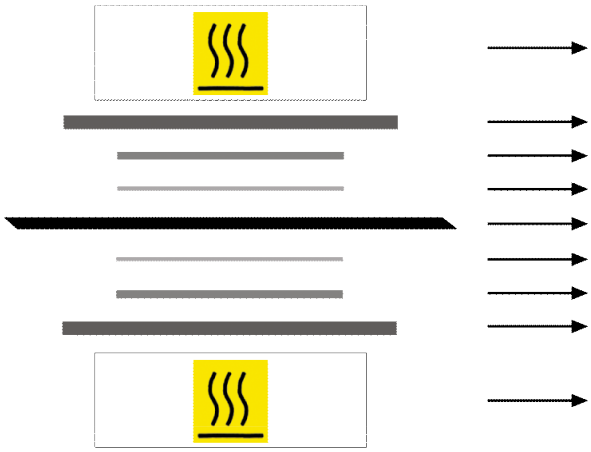
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	--- min.
Pressure	2 bar
Film	foil TC300
Cement	--

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
Mat silicone paper (MC88)
Film
Belt

Non-stick silicone fabric (VA-204)
Lower synthetic plate
Lower heated platen

• Notes

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