

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE **NA1597** TYPE **2MT4 U0-O2 HY W A**

COMPOSITION	
Conveying surface	Material: Thermoplastic Polyolefin (TPO)
	Thickness: 0.20 mm 0.008 in.
	Surface pattern: Matt
	Colour: White
	Coefficient of friction: LF
Textile carcass	Material: Polyester (PET)
	Plies no.: 2
	Weft type: Combined
Driving surface	Material: Fabric with polyurethane (TPU) impregnation
	Thickness: --- mm --- in.
	Surface pattern: Fabric
	Colour: White

TECHNICAL SPECIFICATIONS			
Total thickness	1.10 mm	0.04 in.	
Weight	1.00 kg/m ²	0.20 lbs./sq.ft	
Elongation at 1%	4 N/mm	23.0 lbs./in.	
Max. admissible pull	8 N/mm	46.0 lbs./in.	
Temperature resistance ⁽¹⁾	min.	-40 °C	-40 °F
	max.	80 °C	176 °F

⁽¹⁾ Use of the belt with limit values may reduce its life.

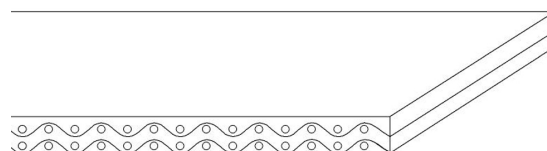
Minimum radius / diameter ⁽²⁾		
■ Knife edge minimum radius	3 mm	0,12 in.
■ Bending roller min. diameter	6 mm	0.24 in.
■ Counter-bending roller min. diameter	16 mm	0.63 in.

⁽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: 1600 mm 63 in.

SUITABLE FOR
Food: confectionery
Food: bakery
Food: chocolate bars
Food: chocolate cooling tunnel
Food: dairy
Food: meat and fish processing
Food: poultry
Food: seafood processing



HYPERCLEAN

FEATURES	
Humidity influence	no
Suitable to metal detector	yes
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	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	yes
Chemical resistances link	12

COMPLIANCES	
REACH EC 1907/2006 Regulation and Amendments	
EC 1935/2004 Regulation and Amendments	
EC 2023/2006 Regulation and Amendments	
EU 10/2011, 2023/1442 Regulation and Amendments	
FDA (Food and Drug Administration)	

NOTES
Maximum production width 1600 mm. Requests for production in wider widths must be authorized by Chiorino Technical Management

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DISCLAIMER

The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

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Recommended joining procedure **SINGLE Z - 80 x 10 mm**



Other joining methods can be used:

DIAGONAL SINGLE Z

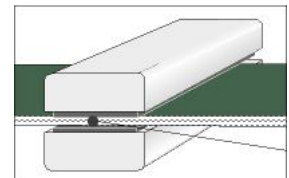
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

Press settings	
Upper platen temperature	125 °C
Lower platen temperature	100 °C
Temperature gauge setting	100 °C
Curing time in press	3 min.
Pressure	2 bar
Film	none
Cement	---

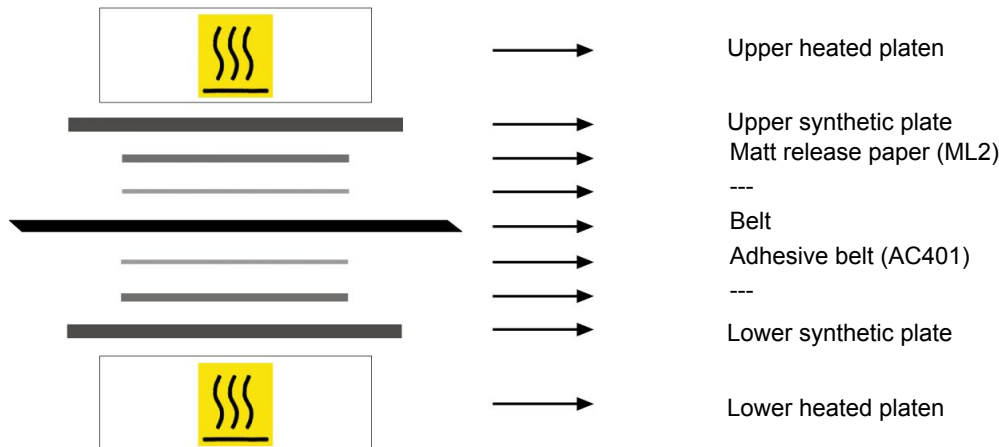
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



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



• Notes

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