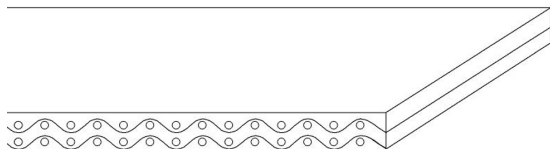



## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

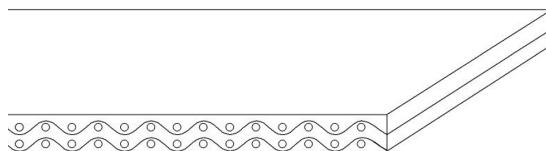
CODE		NA1597		TYPE		2MT4 U0-O2 W A	
COMPOSITION							
Conveying surface	Material	Thermoplastic Polyolefin (TPO)					
	Thickness	0.20	mm	0.008	in.		
	Surface pattern	Matt					
	Colour	White					
	Coefficient of friction	LF					
Textile carcass	Material	Polyester (PET)					
	Plies no.	2					
	Weft type	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/m²	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 <sup>(1)</sup>	min.	-40	°C	-40	°F		
	max.	80	°C	176	°F		
<sup>(1)</sup> Use of the belt with limit values may reduce its life.							
Minimum radius / diameter <sup>(2)</sup>							
■ 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.		
<sup>(2)</sup> 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: confectionery							
Food: chocolate bars							
Food: bakery							
Food: dairy							
Food: meat and fish processing							
Food: poultry							
Food: seafood processing							



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 <a href="#">link</a>	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	
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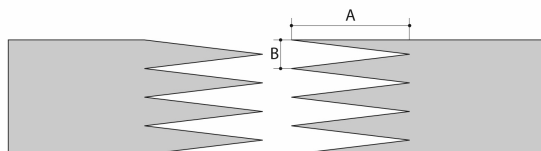
Issue: 23-07-2020

Last Update: 30-03-2022

### 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.

**CHIORINO S.p.A.** - VIA S. AGATA, 9 - 13900 BIELLA - ITALIA - P.O.B. 460 - TEL. +39-015-8489.1 - FAX +39-015.8489161  
 chiorino@chiorino.com - www.chiorino.com

**CODE NA1597**
**TYPE**
**2MT4 U0-O2 W A**
**Recommended joining procedure**
**SINGLE Z - 80 x 10 mm**

**A = 80 mm  
B = 10 mm**
**Other joining methods can be used:**
**DIAGONAL SINGLE Z**

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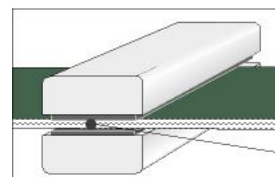
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Check our general catalogue to get further info on CHIORINO joining methods.

**• Pressing**
**Heating press P \ PL \ PLS**

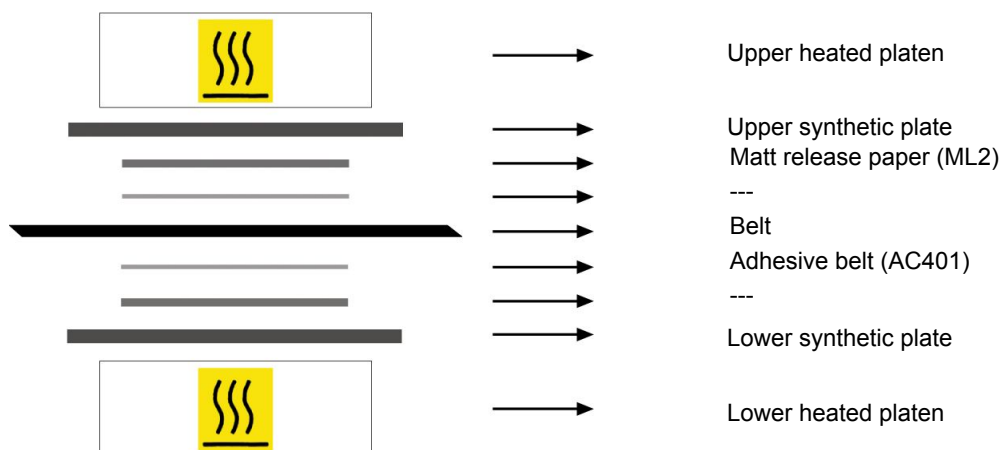
Press settings	
Upper platen temperature	125 °C
Lower platen temperature	100 °C
Temperature gauge setting	100 °C
Curing time in press	3 min.
Pressure	2 bar
Film	none
Cement	---

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**

Issued: 21-07-2020

Last Update: 21-12-2020

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