


## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE		NA1452		TYPE		2M6 U0-U2 HR DB	
COMPOSITION							
Conveying surface	Material	Polyurethane (TPU)					
	Thickness	0.20	mm	0.008	in.		
	Surface pattern	Matt					
	Colour	Dark blue					
	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	White					
TECHNICAL SPECIFICATIONS							
Total thickness		1.30	mm	0.05	in.		
Weight		1.40	kg/m²	0.29	lbs./sq.ft		
Elongation at 1%		6	N/mm	34.0	lbs./in.		
Max. admissible pull		12	N/mm	69.0	lbs./in.		
Temperature resistance <sup>(1)</sup>	min.	-20	°C	-4	°F		
	max.	100	°C	212	°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		6	mm	0,24	in.		
■ Bending roller min. diameter		12	mm	0.47	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		2100	mm	83	in.		
SUITABLE FOR							
Food: bakery							
Food: bread							
Food: biscuits and crackers							
Food: sweet and salty snacks							
Food: pizza							
FEATURES							
Humidity influence				no			
Suitable to metal detector				yes			
Permanent antistatic dynamically (UNI EN ISO 21179)				no			
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				no			
Swan neck conveying				no			
Inclined conveying				no			
Accumulators belts				yes			
Curved conveyor				no			
Chemical resistances <a href="#">link</a>				5			
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							
HACCP (Hazard Analysis and Critical Control Points)							
FDA (Food and Drug Administration)							
NOTES							
HR = High Release - The matt surface resulting from the special Chiorino micro-PN texture assures excellent release properties.							
Frayless - Total edge fray resistance							



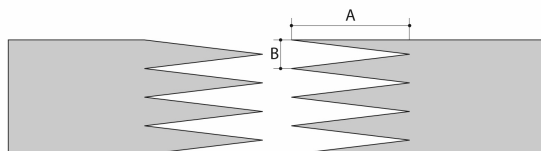
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### DISCLAIMER

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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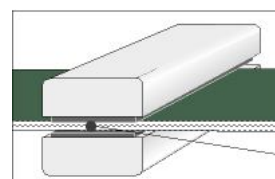
**CODE NA1452**
**TYPE**
**2M6 U0-U2 HR DB**
**Recommended joining procedure**
**SINGLE Z - 80 x 10 mm**

**A = 80 mm  
B = 10 mm**
**Other joining methods can be used:**
**DIAGONAL SINGLE Z  
DOUBLE Z  
SKIVED JOINT '1'**
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Check our general catalogue to get further info on CHIORINO joining methods.

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

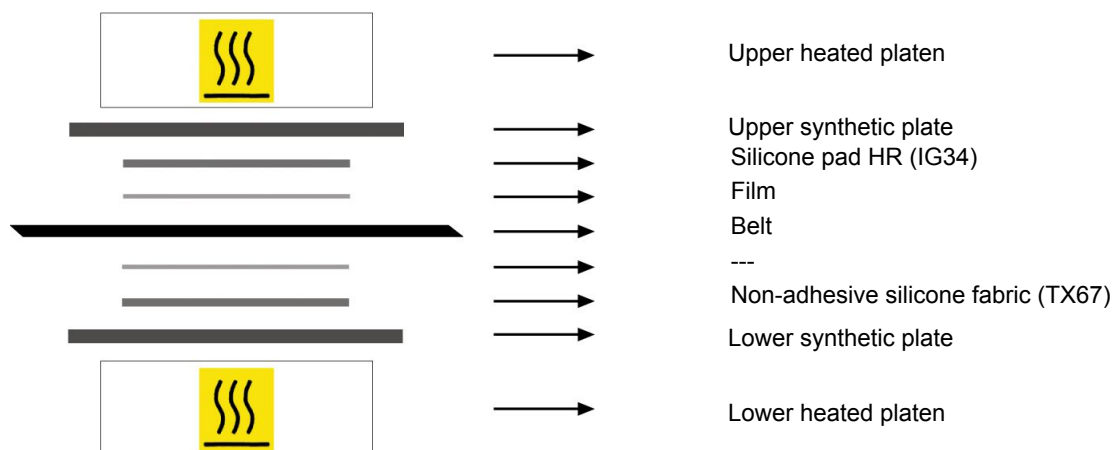
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	2 bar
Film	TC656- Film PU dark blue
Cement	---

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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