




CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE		NA1590		TYPE		1M5 U0-U2 FXD	
COMPOSITION							
Conveying surface	Material	Polyurethane (TPU)					
	Thickness	0.20	mm	0.008	in.		
	Surface pattern	Smooth					
	Colour	Silver					
	Coefficient of friction	MF					
Textile carcass	Material	Polyester (PET)					
	Plies no.	1					
	Weft type	Rigid					
Driving surface	Material	Fabric with polyurethane (TPU) impregnation					
	Thickness	---	mm	---	in.		
	Surface pattern	Fabric					
	Colour	Green					
TECHNICAL SPECIFICATIONS							
Total thickness		0.75	mm	0.03	in.		
Weight		0.80	kg/m²	0.16	lbs./sq.ft		
Elongation at 1%		5	N/mm	29.0	lbs./in.		
Max. admissible pull		5	N/mm	29.0	lbs./in.		
Temperature resistance ⁽¹⁾	min.	-20	°C	-4	°F		
	max.	100	°C	212	°F		
⁽¹⁾ Use of the belt with limit values may reduce its life.							
Minimum radius / diameter ⁽²⁾							
■ Knife edge minimum radius		4	mm	0,16	in.		
■ Bending roller min. diameter		8	mm	0.31	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		2000	mm	79	in.		
SUITABLE FOR							
Food: chocolate bars							
Food: confectionery							
Food: slicing machines							
Packaging							
							
							
FEATURES							
Humidity influence		no					
Suitable to metal detector		no					
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		yes					
Accumulators belts		no					
Curved conveyor		no					
Chemical resistances link		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							
FDA (Food and Drug Administration)							
VEGAN							
							
NOTES							



FXD

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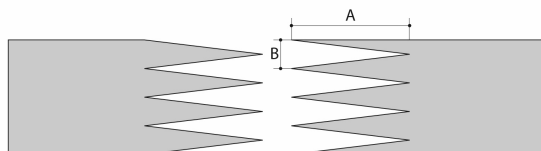
DISCLAIMER

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



A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z

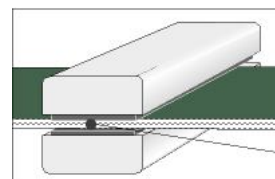
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press P \ PL \ PLS

Press settings	
Upper platen temperature	145 °C
Lower platen temperature	145 °C
Temperature gauge setting	145 °C
Curing time in press	1 min.
Pressure	2 bar
Film	TC697 - Film PU etere FXD
Cement	---

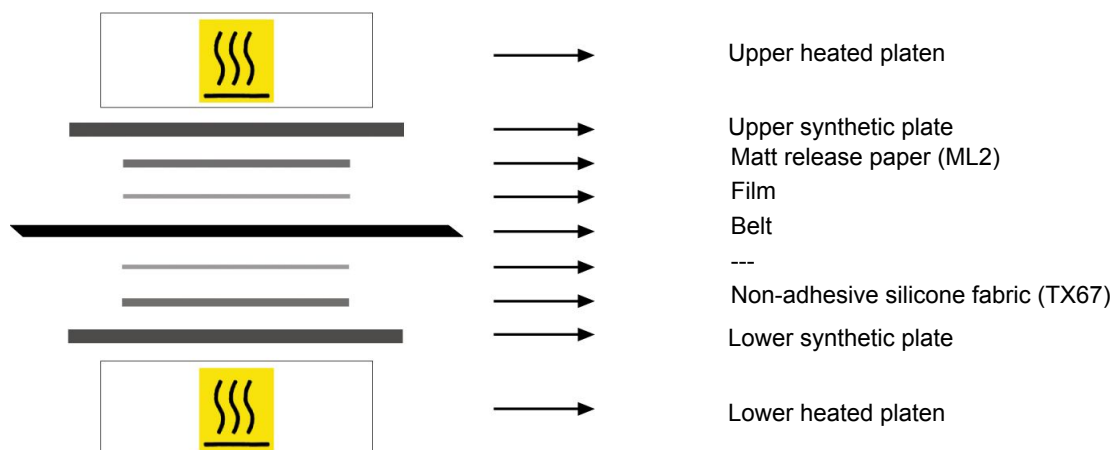
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



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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