

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

1M6 U0-U5 FL **NA99** CODE **TYPE**

COMPOSITION							
Conveying surface	Material	Polyurethane (TPU)					
	Thickness	0.5 mm <i>0.020 in.</i>					
	Surface pattern	FL					
	Colour	Green					
	Coefficient of friction	MF					
e SS	Material	Polyester (PET)					
Textile carcass	Plies no.	1					
	Weft type	Rigid					
	Material	Fabric with polyurethane (TPU) impregnation					
Driving surface	Thickness	mm <i> in.</i>					
	Surface pattern	LdB fabric					
	Colour	Black					

30.00.							
TECHNICAL SPECIFICATIONS							
Total thickness	1.00 mm	0.04	in.				
Weight	1.00 kg/m²	0.20	lbs./sq.ft				
Elongation at 1%	6 N/mm	34.0	lbs./in.				
Max. admissible pull	6 N/mm	34.0	lbs./in.				
Temperature resistance (1)	min.	-20 °C	-4	°F			
resistance (1)	max.	+100 °C	212	°F			
(1) use of the belt with limit values may reduce its life							
Minimum roller diameter (2)							
Knife edge	no						

(2) The above mentioned values depend on the type of CHIORINO joint recommended Coefficient of friction on driving surface 0.20 [-] Raw steel sheet 0.25 [-] ■ Laminated plastic/wood ■ Steel roller 0.20 [-] Rubberized roller 0.30 [-] 2000 mm 79 in. Max. production width

10 mm

15 mm

0.4 in.

0.6 in.

SUITABLE FOR

■ Bending roller

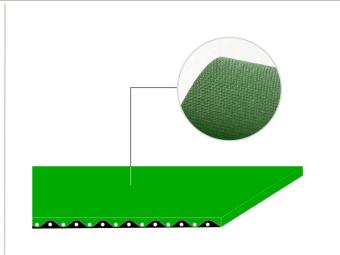
■ Counter-bending roller

Textile: spindle tapes Paper industry: cutters Printing and graphic: stacking Printing and graphic: gathering

Printing and graphic: wrapping / binding

Packaging

Postal automation



FEATURES	
Humidity influence	no
Suitable to metal detector	no
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	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances <u>link</u>	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)



NOTES

Issue: 24-07-2009 Last Update: 12-12-2018

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.

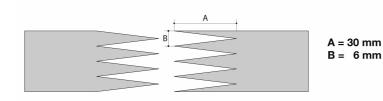


FAST JOINT CONVEYOR AND PROCESS BELTS

BELT JOINING DATA SHEET

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· Recommended joining procedure MICRO Z - 30 x 6 mm



Other joining methods can be used:

OVERLAP

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

Pressing

Heating press P50 FJ

Press settings					
Upper platen temperature	180 °C				
Lower platen temperature	180 °C				
Temperature gauge setting	180 °C				
Curing time in press	2 min.				
Cooling time	10 min.				

Advice for the press adjustment:

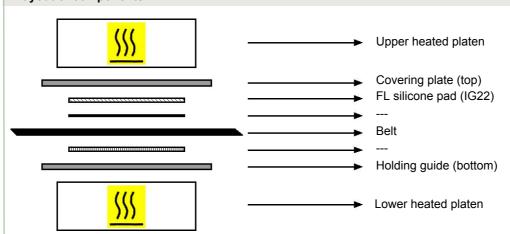
Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



- 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

Issue: 15-04-2005 Last Update:

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