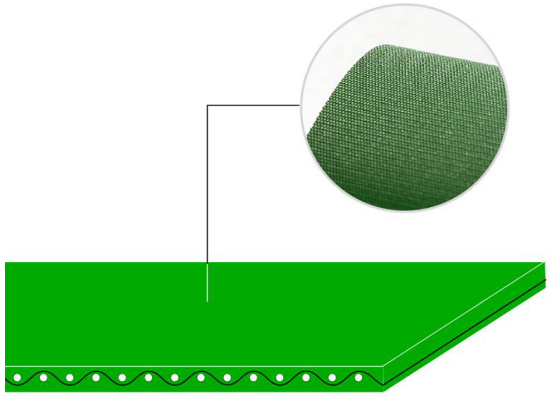
CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

1M6 U3-U3 FL

COMPOSITION

Conveying surface	Material	Polyurethane (TPU)		
	Thickness	0.3	mm	*0.012 in.*
	Surface pattern	FL		
	Colour	Green		
	Coefficient of friction	MF		
Textile carcass	Material	Polyester (PET)		
	Plies no.	1		
	Weft type	Rigid		
Driving surface	Material			
	Thickness	0.3	mm	*0.012 in.*
	Surface pattern	FL		
	Colour	Green		



TECHNICAL SPECIFICATIONS

Total thickness	1.20 mm	*0.05 in.*	
Weight	1.30 kg/m²	*0.27 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*	
	max. +100 °C	*212 °F*	

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

Minimum roller diameter (2)

Knife edge	no	
Bending roller	10 mm	*0.4 in.*
Counter-bending roller	15 mm	*0.6 in.*

(2) The above mentioned values depend on the type of CHIORINO joint recommended

Coefficient of friction on driving surface

Raw steel sheet	0.40 [-]
Laminated plastic/wood	0.50 [-]
Steel roller	0.40 [-]
Rubberized roller	0.60 [-]

Max. production width	2000 mm	*79 in.*

SUITABLE FOR

Paper industry: cutters
Printing and graphic: stacking
Printing and graphic: gathering
Printing and graphic: wrapping / binding

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	no
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 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)

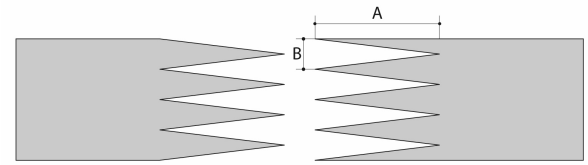
NOTES

PRODUCT CODE NA100 Last Update: 12-12-2018

FAST JOINT CONVEYOR AND PROCESS BELTS **BELT JOINING DATA SHEET**

1M6 U3-U3 FL

• Recommended joining procedure MICRO Z - 30 x 6 mm



A = 30 mm
B = 6 mm

Other joining methods can be used:

OVERLAP

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

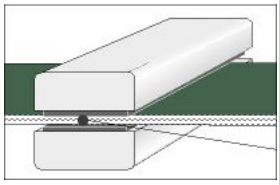
• Pressing

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	4 min.
Cooling time	10 min.

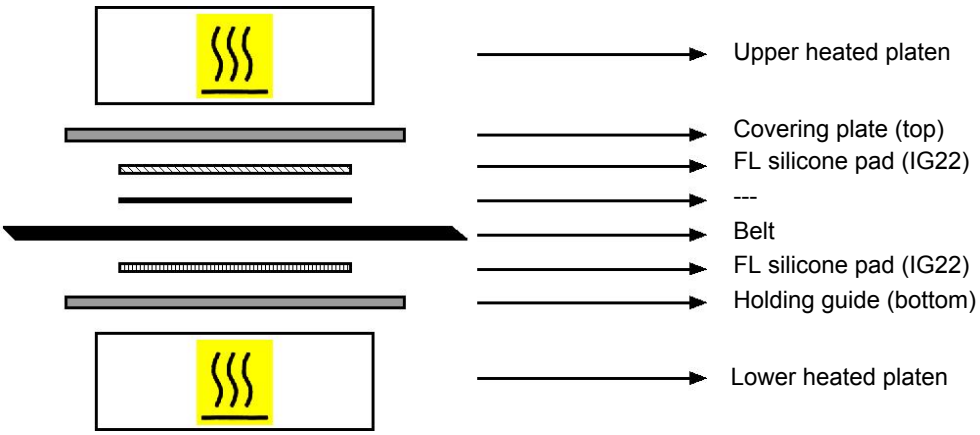
Advice for the press adjustment:

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

PRODUCT CODE NA100 Last Update: 11-10-2022