

2M12 U0-U17

COMPOSITION

Conveying surface	Material	Polyurethane (TPU)	
	Thickness	1.70 mm	0.067 in.
	Surface pattern	Smooth	
	Colour	Green	
Textile carcass	Coefficient of friction	LF	
	Material	Polyester (PET)	
	Plies no.	2	
	Weft type	Rigid	
Driving surface	Material	Fabric with polyurethane (TPU) impregnation	
	Thickness	---	mm --- in.
	Surface pattern	LdB fabric	
	Colour	Grey	

TECHNICAL SPECIFICATIONS

Total thickness	3.40 mm	0.13 in.
Weight	3.80 kg/m ²	0.78 lbs./sq.ft
Elongation at 1%	12 N/mm	69.0 lbs./in.
Max. admissible pull	24 N/mm	137.0 lbs./in.
Temperature resistance ⁽¹⁾	min. -10 °C	14 °F
	max. 60 °C	140 °F

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

Minimum radius / diameter ⁽²⁾

- Knife edge minimum radius no
- Bending roller min. diameter 80 mm 3.15 in.
- Counter-bending roller min. diameter 120 mm 4.72 in.

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

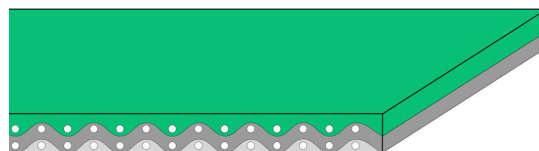
Coefficient of friction on driving surface

- 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.
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SUITABLE FOR

Textile: automatic cutting
 Wood industry
 Bricks conveying
 Ceramic industry
 Cement industry
 Tin cans magnetic elevators
 Automotive: steel blankets cutting
 Cutting tables
 Punchers



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	yes
Inclined conveying	no
Accumulators belts	yes
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

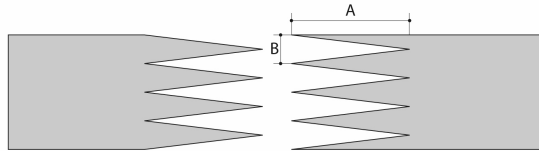
PRODUCT CODE NA1128

Last Update: 11-05-2021

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
Other joining methods can be used:


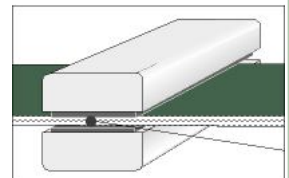
A = 80 mm
B = 10 mm

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

• Pressing
Heating press P \ PL \ PLS

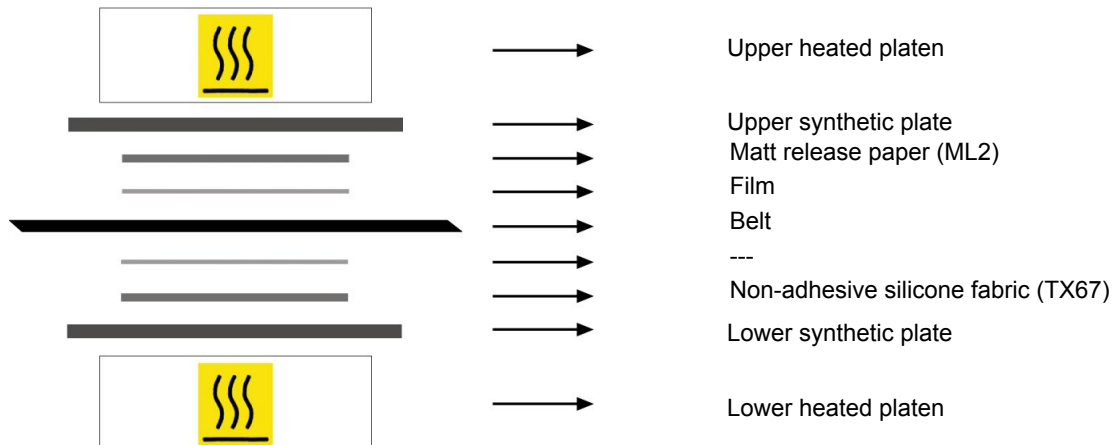
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	2 min.
Pressure	3 bar
Film	TC218 - Film PU green P347C
Cement	---

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
PRODUCT CODE NA1128
Last Update: 30-01-2014
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