

## 2M5 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.	2			
	Weft type	Rigid			
Driving surface	Material	Fabric with polyurethane (TPU) impregnation			
	Thickness	---	mm	--- in.	
	Surface pattern	Fabric			
	Colour	Green			

### TECHNICAL SPECIFICATIONS

Total thickness	1.30 mm	0.05 in.
Weight	1.90 kg/m <sup>2</sup>	0.39 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	4 mm	0.16 in.
■ Bending roller min. diameter	8 mm	0.31 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	2000 mm	79 in.
-----------------------	---------	--------

### SUITABLE FOR

Food: chocolate bars  
Food: confectionery  
Food: slicing machines  
Packaging



**FXD**

### 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 <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  
FDA (Food and Drug Administration)  
VEGAN



### NOTES

PRODUCT CODE NA1591

Last Update: 04-12-2020

### 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.

## 2M5 U0-U2 FXD

**Recommended joining procedure**
**SINGLE Z - 80 x 10 mm**


A = 80 mm  
B = 10 mm

**Other joining methods can be used:**
**DIAGONAL SINGLE Z**

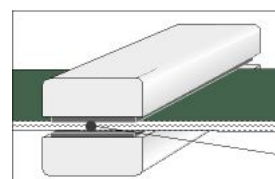
---  
---  
---

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

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

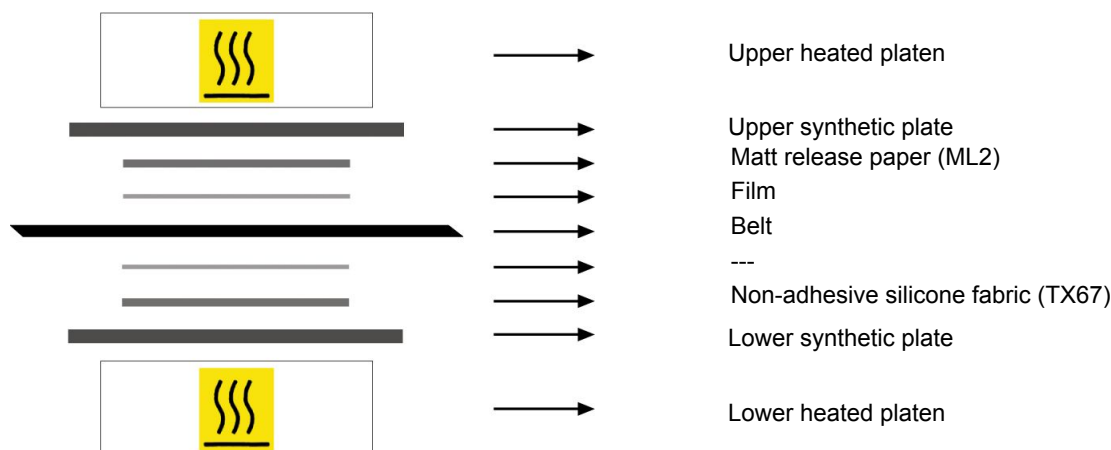
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC697 - Film PU etere FXD
Cement	---

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**
**PRODUCT CODE NA1591**
**Last Update: 01-03-2021**
**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.