

## 1M5 U3-U3 HP FL/FM W

### COMPOSITION

Conveying surface	Material	Polyurethane (TPU) - HP® system		
	Thickness	0.30	mm	0.012 in.
	Surface pattern	FM		
	Colour	White		
	Coefficient of friction	MF		
Textile carcass	Material	Polyester (PET) - HP® system		
	Plies no.	1		
	Weft type	Rigid		
Driving surface	Material	Polyurethane (TPU) - HP® system		
	Thickness	0.30	mm	0.012 in.
	Surface pattern	FL		
	Colour	White		

### TECHNICAL SPECIFICATIONS

Total thickness	1.40 mm	0.06 in.
Weight	1.40 kg/m²	0.29 lbs./sq.ft
Elongation at 1%	5 N/mm	29.0 lbs./in.
Max. admissible pull	5 N/mm	28.6 lbs./in.
Temperature resistance <sup>(1)</sup>	min. -30 °C max. 110 °C	-22 °F 230 °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 no
- Bending roller min. diameter 10 mm 0.39 in.
- Counter-bending roller min. diameter 15 mm 0.59 in.

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

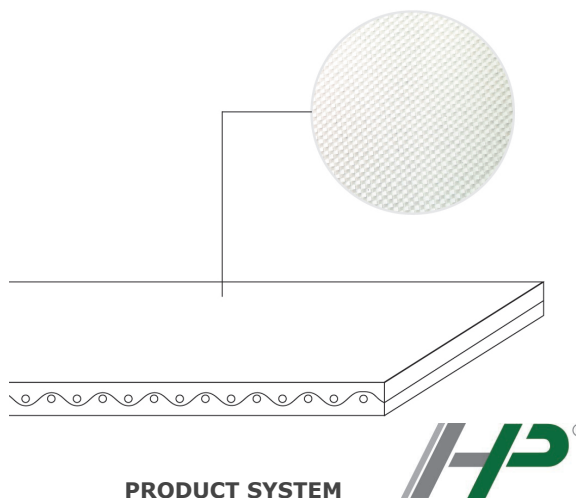
Coefficient of friction on driving surface

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

Max. production width 2000 mm 79 in.

### SUITABLE FOR

Food: meat and fish processing  
Packaging  
Check weighers



PRODUCT SYSTEM

### FEATURES

Humidity influence	no
Suitable to metal detector	yes
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>	12

### 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  
HACCP (Hazard Analysis and Critical Control Points)  
FDA (Food and Drug Administration)  
HALAL (World Halal Authority)  
VEGAN



### NOTES

PRODUCT CODE NA1191

Last Update: 25-09-2023

### 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.

# 1M5 U3-U3 HP FL/FM W

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


A = 80 mm  
B = 10 mm

**Other joining methods can be used:**

MICRO Z - 30 x 6 mm

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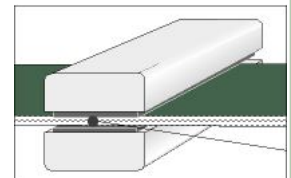
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Check our general catalogue to get further info on CHIORINO joining methods.

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

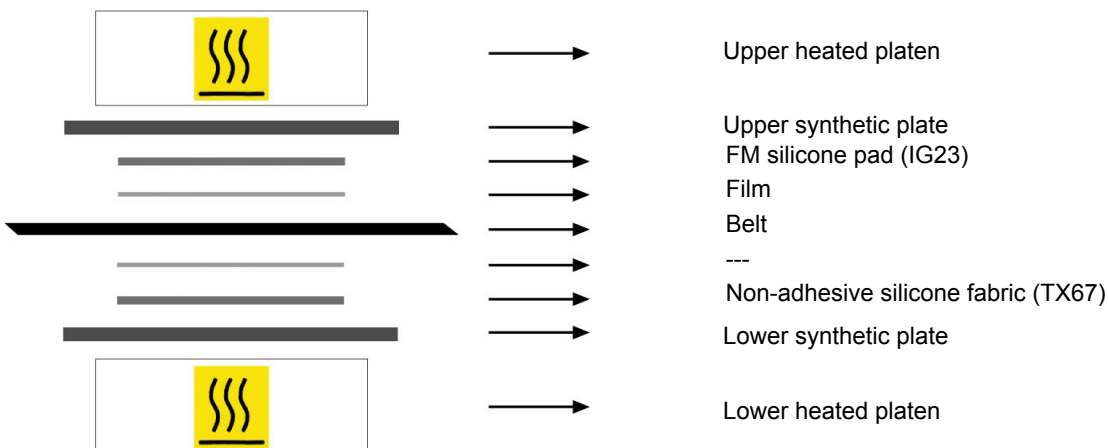
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	2 bar
Film	TC300 - HP W PU film
Cement	---

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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Last Update: 14-07-2020

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