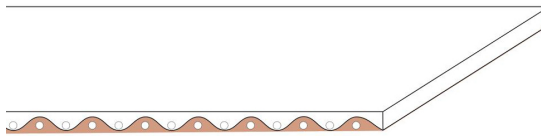



## CONVEYOR AND PROCESS BELTS

## TECHNICAL DATA SHEET

CODE	NA-1235		TYPE	1M5 U0-U2 HP D LF W A	
<b>COMPOSITION</b>					
Conveying surface	Material	Polyurethane (TPU) - HP® system			
	Thickness	0.20 mm	0.008 in.		
	Surface pattern	Smooth and matt			
	Colour	White			
	Coefficient of friction	LF			
Textile carcass	Material	Polyester (PET) - HP® system			
	Plies no.	1			
	Weft type	Rigid			
Driving surface	Material	Fabric w/polyurethane (TPU) impregn.-HP® system			
	Thickness	---	mm	---	in.
	Surface pattern	Fabric			
	Colour	hazelnut			
<b>TECHNICAL SPECIFICATIONS</b>					
Total thickness	0.90 mm	0.04 in.			
Weight	1.00 kg/m <sup>2</sup>	0.20 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.	-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	3 mm	0,12 in.			
■ Bending roller min. diameter	6 mm	0.24 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.			
<b>SUITABLE FOR</b>					
Food: chocolate bars					
Food: confectionery					
Packaging					
					
<p style="text-align: right;"><b>PRODUCT SYSTEM</b> </p>					
<b>FEATURES</b>					
Humidity influence					no
Suitable to metal detector					yes
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					yes
Curved conveyor					no
Chemical resistances (see file available on line)					12
<b>COMPLIANCES</b>					
REACH Regulation EC 1907/2006 and amendments					
Regulation EC 1935/2004 and amendments					
Regulation EC 2023/2006 and amendments					
Regulation EU 10/2011 and amendments					
FDA (Food and Drug Administration)					
<b>NOTES</b>					
Thanks to the outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, the HP product system is specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).					

Issue: 10-04-2014

Last Update: 23-06-2016

### 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.

CODE **NA-1235** TYPE **1M5 U0-U2 HP D LF W A**

Recommended joining procedure **SINGLE Z**



Other joining methods can be used:  
MICRO Z

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

• Pressing

Heating press **P \ PL \ PLS**

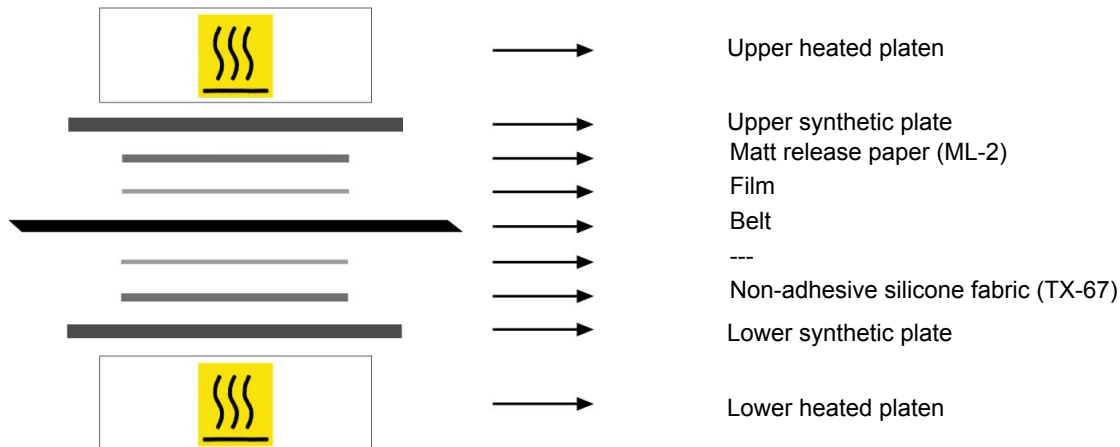
Press settings	
Upper platen temperature	145 °C
Lower platen temperature	145 °C
Temperature gauge setting	145 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC-605 - Film PU white LF D
Cement	---

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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