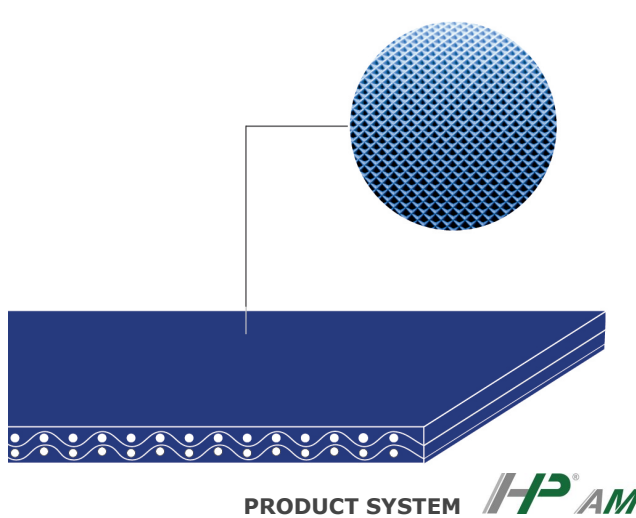



CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA1761		TYPE	2M5 U2-U2 HP PN blue AM	
COMPOSITION					
Conveying surface	Material	Polyurethane (TPU) - HP® system			
	Thickness	0.20 mm	0.008 in.		
	Surface pattern	PN			
	Colour	HP® blue			
	Coefficient of friction	MF			
Textile carcass	Material	Polyester (PET) - HP® system			
	Plies no.	2			
	Weft type	Rigid			
Driving surface	Material	Polyurethane (TPU) - HP® system			
	Thickness	0.20 mm	0.008 in.		
	Surface pattern	Smooth			
	Colour	HP® blue			
TECHNICAL SPECIFICATIONS					
Total thickness	1.85 mm	0.07 in.			
Weight	1.70 kg/m ²	0.35 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 ⁽¹⁾	min.	-30 °C	-22 °F		
	max.	110 °C	230 °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	15 mm	0.59 in.			
■ Counter-bending roller min. diameter	30 mm	1.18 in.			
⁽²⁾ The above mentioned values depend on the type of CHIORINO joint recommended.					
Coefficient of friction on driving surface					
■ Raw steel sheet	0.30 [-]				
■ Laminated plastic/wood	0.35 [-]				
■ Steel roller	0.30 [-]				
■ Rubberized roller	0.40 [-]				
Max. production width	2000 mm	79 in.			
SUITABLE FOR					
Food: biscuits and crackers					
Food: confectionery					
Food: seafood processing					
Food: dairy					
Food: meat and fish processing					
Fruits and vegetables					
 <p>PRODUCT SYSTEM HP[®] AM</p>					
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	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	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)					
NOTES					
Issue: 18-07-2023			Last Update: 05-10-2023		
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.					

CODE **NA1761** TYPE **2M5 U2-U2 HP PN blue AM**

Recommended joining procedure SINGLE Z - 80 x 10 mm



Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z

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

• **Pressing**

Heating press **P \ PL \ PLS**

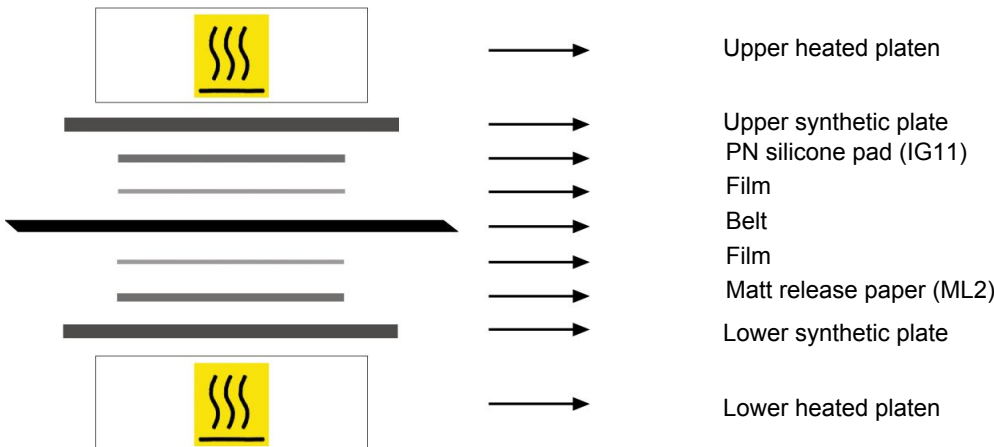
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	160 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC715 - Film PU HP blue AM
Cement	---

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**

Issued: 02-10-2023

Last Update: 02-10-2023

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