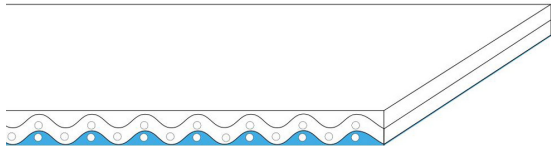



CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET


CODE		NA1748		TYPE		2M5 U0-U2 HP W S A AM	
COMPOSITION							
Conveying surface	Material	Polyurethane (TPU) - HP® system					
	Thickness	0.20	mm	0.008	in.		
	Surface pattern	Smooth					
	Colour	White					
	Coefficient of friction	HF					
Textile carcass	Material	Polyester (PET) - HP® system					
	Plies no.	2					
	Weft type	Rigid					
Driving surface	Material	Fabric polyurethane (TPU) impregn. - HP® system					
	Thickness	---	mm	---	in.		
	Surface pattern	Fabric					
	Colour	Light blue					
TECHNICAL SPECIFICATIONS							
Total thickness		1.30	mm	0.05	in.		
Weight		1.40	kg/m²	0.29	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		4	mm	0,16	in.		
■ Bending roller min. diameter		8	mm	0.31	in.		
■ Counter-bending roller min. diameter		16	mm	0.63	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		2100	mm	83	in.		
SUITABLE FOR							
Food: slicing machines							
Food: dairy							
Food: bread							
Food: biscuits and crackers							
Food: sweet and salty snacks							
Food: chocolate bars							
Food: conveying of dried pasta							
Packaging							
Pharmaceutics industry							



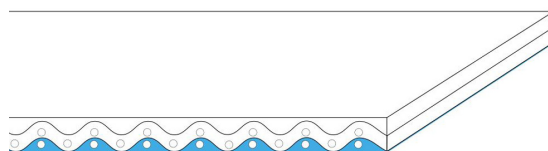
PRODUCT SYSTEM 

FEATURES	
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	yes
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	
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PRODUCT SYSTEM **HP[®] AM**

FEATURES

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	yes
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

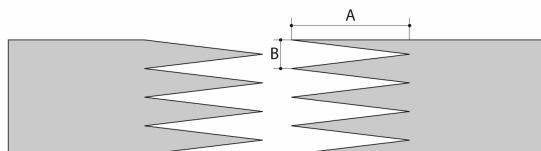
Issue: 21-04-2023

Last Update: 12-05-2023

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.

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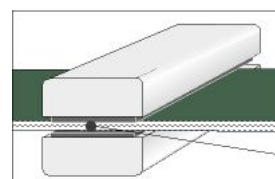
CODE NA1748
TYPE
2M5 U0-U2 HP W S A AM
Recommended joining procedure
SINGLE Z - 80 x 10 mm

**A = 80 mm
B = 10 mm**
Other joining methods can be used:
**DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '1'**

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

• Pressing
Heating press P \ PL \ PLS

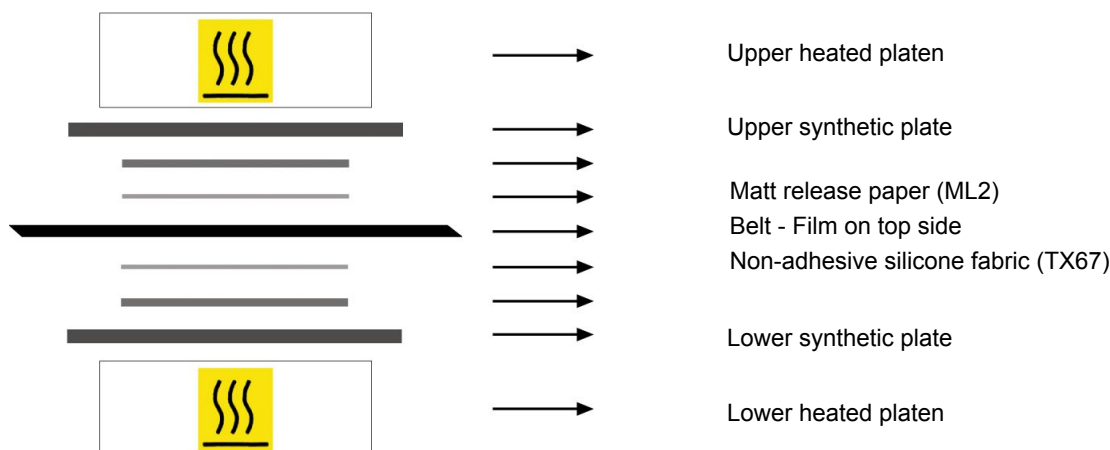
Press settings	
Upper platen temperature	145 °C
Lower platen temperature	145 °C
Temperature gauge setting	145 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	
Cement	---

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

Issued: 31-03-2023

Last Update:

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