
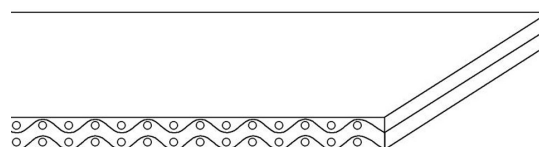


CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA549		TYPE	2M5 U0-U1 W S A	
COMPOSITION					
Conveying surface	Material	Polyurethane (TPU)			
	Thickness	0.10 mm	0.004 in.		
	Surface pattern	Smooth			
	Colour	White			
	Coefficient of friction	HF			
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	White			
TECHNICAL SPECIFICATIONS					
Total thickness	1.30 mm	0.05 in.			
Weight	1.50 kg/m ²	0.31 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.	-20 °C	-4 °F		
	max.	100 °C	212 °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	2000 mm	79 in.			
SUITABLE FOR					
Food: meat and fish processing					
Food: biscuits and crackers					
Food: sweet and salty snacks					
Food: chocolate bars					
Packaging					
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					5
COMPLIANCES					
REACH EC 1907/2006 Regulation and Amendments					
EC 1935/2004 Regulation and Amendments					
EC 2023/2006 Regulation and Amendments					
EU 10/2011, 2017/752 Regulation and Amendments					
HACCP (Hazard Analysis and Critical Control Points)					
FDA (Food and Drug Administration)					
NOTES					



Issue: 24-07-2009

Last Update: 12-12-2018

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 **NA549** TYPE **2M5 U0-U1 W S A**

Recommended joining procedure **SINGLE Z - 80 x 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

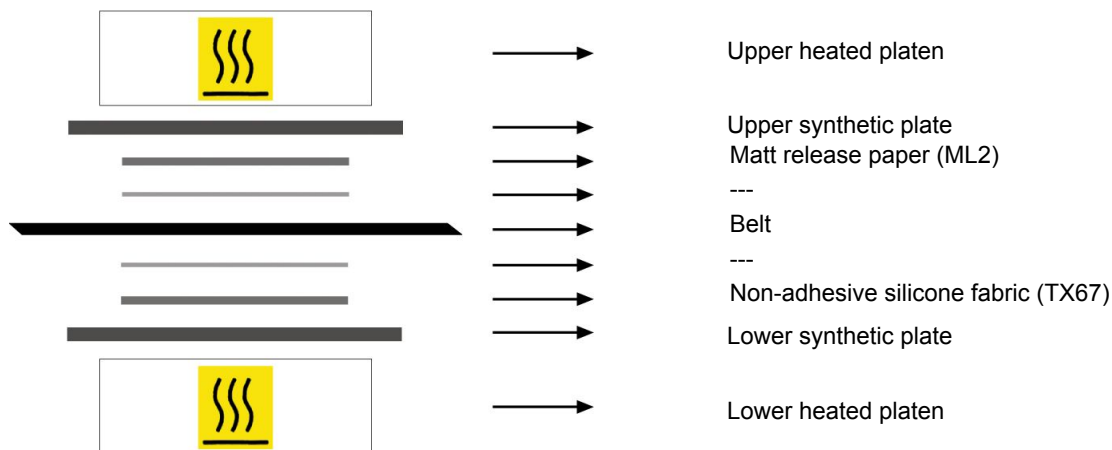
Heating press **P \ PL \ PLS**

Press settings	
Upper platen temperature	140 °C
Lower platen temperature	130 °C
Temperature gauge setting	140 °C
Curing time in press	3 min.
Pressure	3 bar
Film	TC457 - Soft white 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

For SINGLE Z JOINT, put on the top side of the belt the "TC-555 PU HP W S reinforced" film.

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