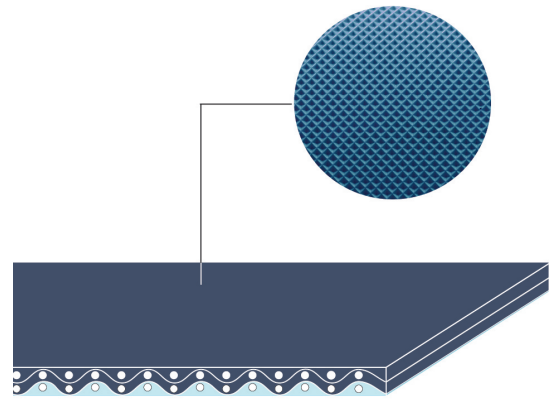


CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-1427		TYPE	2M5 U0-U2 PN blue DET	
COMPOSITION					
Conveying surface	Material	Polyurethane (TPU)			
	Thickness	0.20 mm	0.008 in.		
	Surface pattern	PN			
	Colour	Dark blue			
	Coefficient of friction	MF			
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	Light blue			
TECHNICAL SPECIFICATIONS					
Total thickness	1.60 mm	0.06 in.			
Weight	1.50 kg/m ²	0.31 lbs./sq.ft			
Elongation at 1%	5 N/mm	29.0 lbs./in.			
Max. admissible pull	10 N/mm	57.0 lbs./in.			
Temperature resistance ⁽¹⁾	min.	-30 °C	-22 °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 recommende					
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: bread					
Food: biscuits and crackers					
Food: chocolate bars					
Food: pizza					
FEATURES					
Humidity influence					no
Suitable to metal detector					no
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 (see file available on line)					12
COMPLIANCES					
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)					
NOTES					
Thanks to the outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, DET belts are specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).					




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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-1427** TYPE **2M5 U0-U2 PN blue DET**

Recommended joining procedure **SINGLE Z**



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**

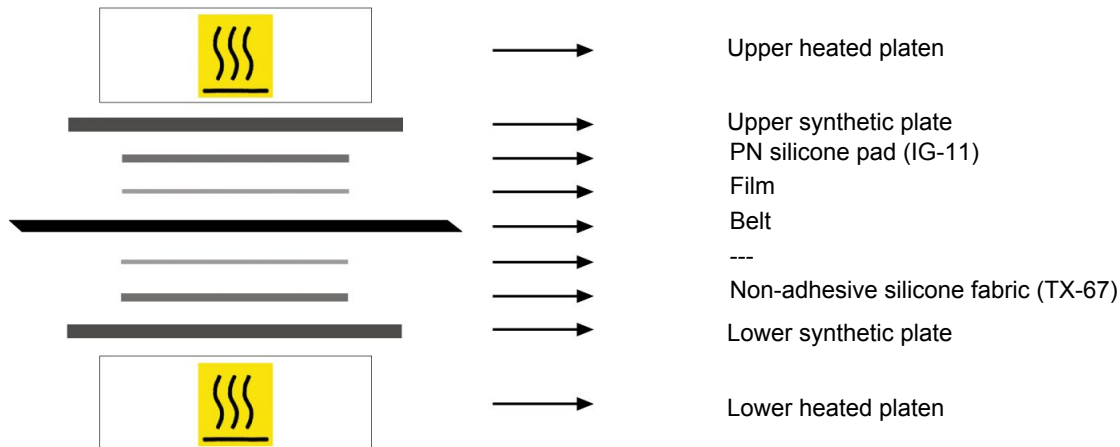
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	160 °C
Temperature gauge setting	160 °C
Curing time in press	4 min.
Pressure	2,5 bar
Film	TC-636 - Film PU Blue DET
Cement	---

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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