

CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-46		TYPE	2M12 U0-V3 N	
COMPOSITION					
Conveying surface	Material	PVC 70 Sh.A (±5)			
	Thickness	0.30 mm	0.012 in.		
	Surface pattern	Smooth			
	Colour	Black			
	Coefficient of friction	LF			
Textile carcass	Material	Polyester (PET)			
	Plies no.	2			
	Weft type	Rigid			
Driving surface	Material	Fabric with polyurethane (TPU) impregnation			
	Thickness	---	mm	---	in.
	Surface pattern	LdB fabric			
	Colour	Grey			
TECHNICAL SPECIFICATIONS					
Total thickness	1.90 mm	0.07 in.			
Weight	2.10 kg/m ²	0.43 lbs./sq.ft			
Elongation at 1%	12 N/mm	69.0 lbs./in.			
Max. admissible pull	24 N/mm	137.0 lbs./in.			
Temperature resistance ⁽¹⁾	min.	-10 °C	14 °F		
	max.	60 °C	140 °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		40 mm	1.57 in.		
■ Counter-bending roller min. diameter		50 mm	1.97 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	3500 mm	138 in.			
SUITABLE FOR					
Wood: MDF particle board panels					
Packaging					
Supermarkets check-outs					
Telescopic belts					
Plastic materials moulding					
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		yes			
Inclined conveying		no			
Accumulators belts		yes			
Curved conveyor		no			
Chemical resistances (see file available on line)		2			
COMPLIANCES					
REACH Regulation EC 1907/2006 and amendments					
NOTES					



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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-46** TYPE **2M12 U0-V3 N**

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

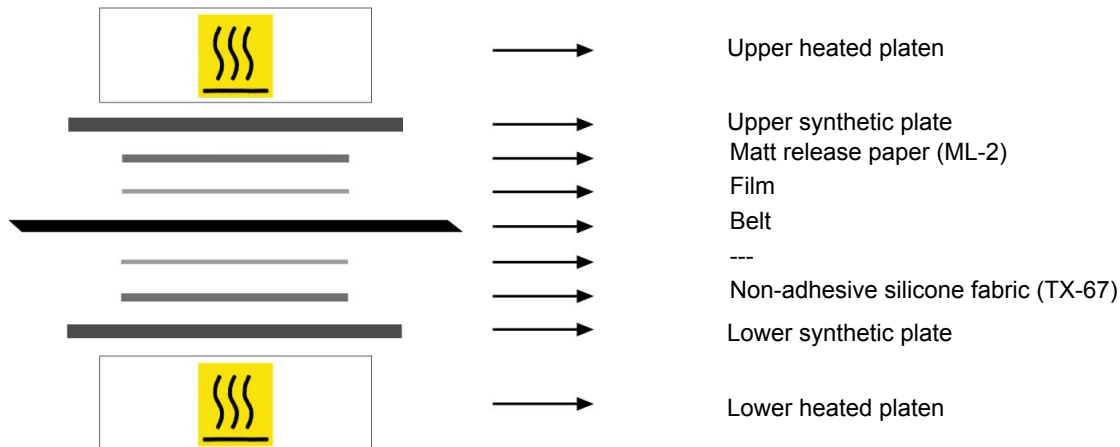
Heating press **P \ PL \ PLS**

Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	2 bar
Film	TC-28 - Black PVC 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

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