

CONVEYOR AND PROCESS BELTS

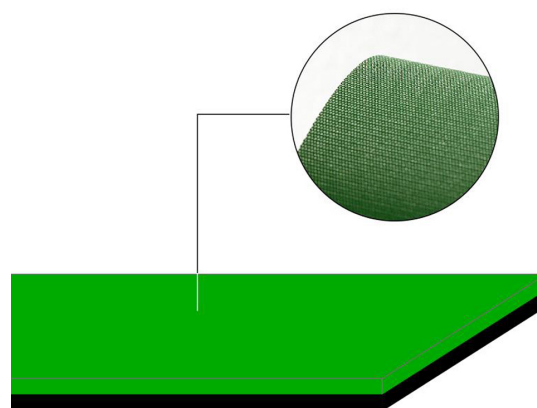
TECHNICAL DATA SHEET

CODE	NA-96	TYPE	EL2-U10 FL
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COMPOSITION			
Conveying surface	Material	Polyurethane (TPU)	
	Thickness	0.50 mm	0.020 in.
	Surface pattern	FL	
	Colour	Green	
	Coefficient of friction	MF	
Textile carcass	Material	---	
	Plies no.	---	
	Weft type	---	
Driving surface	Material	Polyurethane (TPU)	
	Thickness	0.50 mm	0.020 in.
	Surface pattern	FL	
	Colour	Black	

TECHNICAL SPECIFICATIONS			
Total thickness		1.00 mm	0.04 in.
Weight		1.20 kg/m ²	0.24 lbs./sq.ft
Elongation at 8%		2 N/mm	11.0 lbs./in.
Max. admissible pull		2 N/mm	11.0 lbs./in.
Temperature resistance ⁽¹⁾	min.	-20 °C	-4 °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		10 mm	0.39 in.
■ Counter-bending roller min. diameter		15 mm	0.59 in.
⁽²⁾ The above mentioned values depend on the type of CHIORINO joint recommende			
Coefficient of friction on driving surface			
■ Raw steel sheet		0.40 [-]	
■ Laminated plastic/wood		0.50 [-]	
■ Steel roller		0.40 [-]	
■ Rubberized roller		0.60 [-]	
Max. production width		2000 mm	79 in.

SUITABLE FOR	
Paper industry: cutters	
Printing and graphic: stacking	
Printing and graphic: gathering	
Printing and graphic: wrapping / binding	
Packaging	
Check weighers	
Materials handling: multiple drives	
Postal automation	
Industrial laundries	



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	yes
Troughed conveying	yes
Swan neck conveying	no
Inclined conveying	no
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	
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 **NA-96** TYPE **EL2-U10 FL**

Recommended joining procedure **SINGLE Z**



Other joining methods can be used:

- DIAGONAL SINGLE Z
- MICRO Z
- OVERLAP
- BUTT SPLICE

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

• Pressing

Heating press **P \ PL \ PLS**

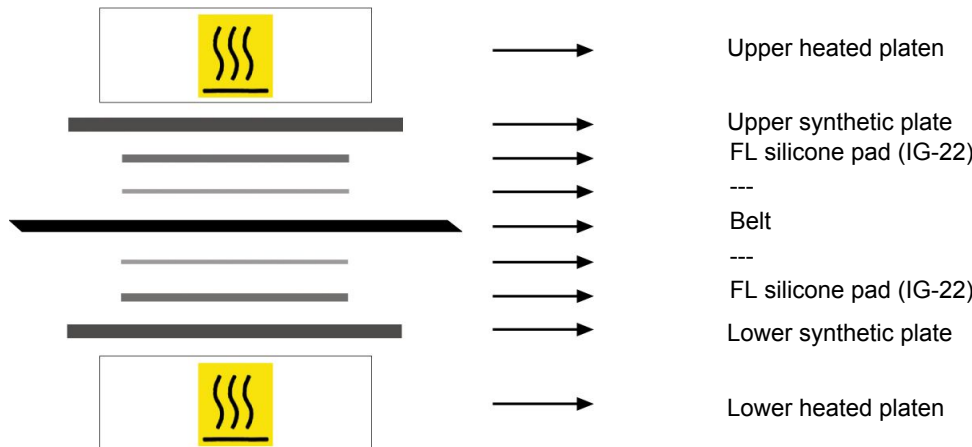
Press settings	
Upper platen temperature	150 °C
Lower platen temperature	150 °C
Temperature gauge setting	150 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

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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