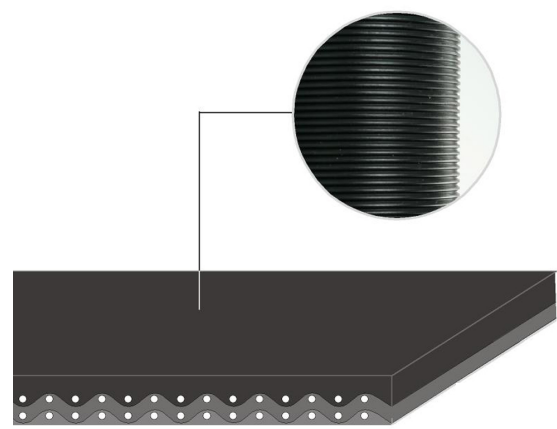


**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA903 TYPE 2M12 U0-V7 LG FR**

COMPOSITION	
Conveying surface	Material PVC 45 Sh.A (±5)
	Thickness 0.70 mm 0.028 in.
	Surface pattern LG
	Colour Anthracite
	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 LdB fabric
	Colour Grey

TECHNICAL SPECIFICATIONS			
Total thickness	3.00 mm	0.12 in.	
Weight	2.40 kg/m <sup>2</sup>	0.49 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 <sup>(1)</sup>	min.	-10 °C	14 °F
	max.	60 °C	140 °F
<sup>(1)</sup> Use of the belt with limit values may reduce its life.			
Minimum radius / diameter <sup>(2)</sup>			
■ Knife edge minimum radius	no		
■ Bending roller min. diameter	40 mm	1.57 in.	
■ Counter-bending roller min. diameter	60 mm	2.36 in.	
<sup>(2)</sup> 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	
Airports	
Materials handling	



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	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances <a href="#">link</a>	9

COMPLIANCES	
REACH EC 1907/2006 Regulation and Amendments	
Flame Retardant UNI EN ISO 340	
Flame Retardant UL94HB Horizontal Burning	

**NOTES**

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Last Update: 16-01-2020

**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	NA903	TYPE	2M12 U0-V7 LG FR
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**Recommended joining procedure** SINGLE Z



Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '2'

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

• Pressing

Heating press P \ PL \ PLS

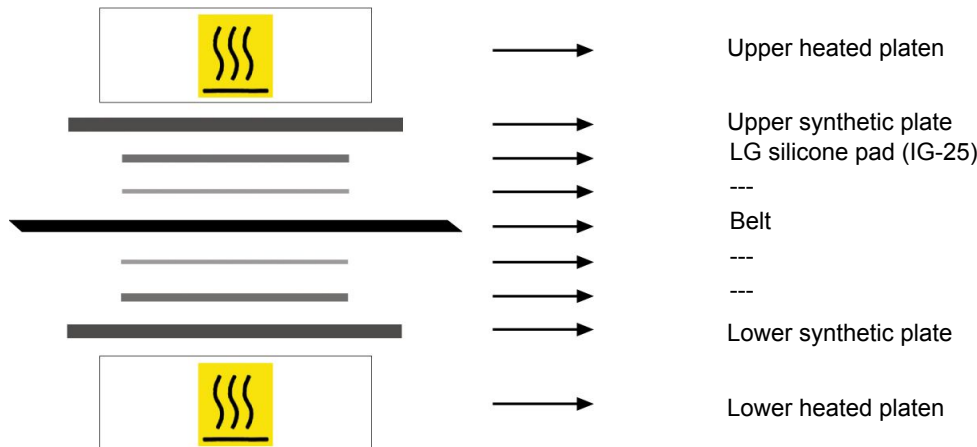
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

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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