

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET
CODE NA-922
TYPE
3M12 0-G-0
COMPOSITION

Conveying surface	Material	Polyester (PET)	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	Grey	
	Coefficient of friction	LF	
Textile carcass	Material	Polyester (PET)	
	Plies no.	3	
	Weft type	Rigid	
Driving surface	Material	Polyester (PET)	
	Thickness	--- mm	--- in.
	Surface pattern	Fabric	
	Colour	Grey	


TECHNICAL SPECIFICATIONS

Total thickness	2.80 mm	0.11 in.
Weight	3.10 kg/m ²	0.63 lbs./sq.ft
Elongation at 1%	15 N/mm	86.0 lbs./in.
Max. admissible pull	30 N/mm	171.3 lbs./in.
Temperature resistance ⁽¹⁾	min.	-10 °C 14 °F
	max.	100 °C 212 °F
⁽¹⁾ use of the belt with limit values may reduce its life		
Minimum roller diameter ⁽²⁾		
■ Knife edge	no	
■ Bending roller	50 mm	2.0 in.
■ Counter-bending roller	80 mm	3.2 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	1200 mm	47 in.

SUITABLE FOR

Rubber conveying in the tyre production process
Conveying of plastic materials

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	no
Swan neck conveying	yes
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances (see file available on line)	7

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments

NOTES

Issue: 24-07-2009

Last Update: 23-06-2016

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.

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TYPE

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• Recommended joining procedure

SKIVED JOINT '1'



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

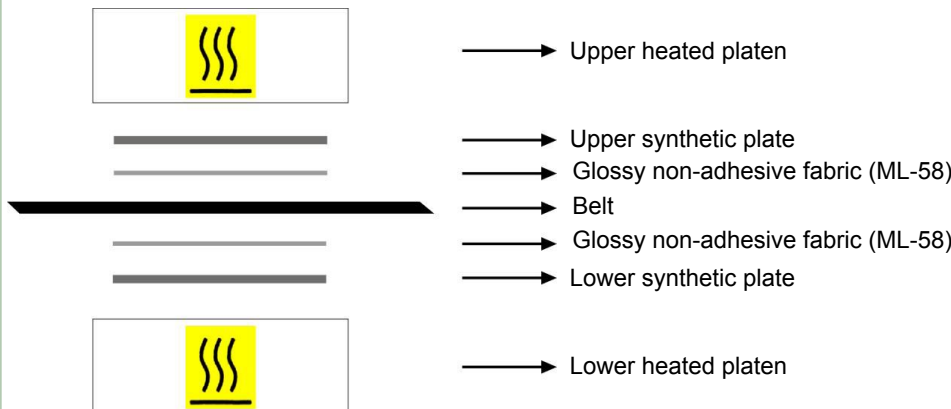
• Skiving instructions

Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover				
					T mm	B mm	Thickness adjustment	End stop switch of working plate	T mm	B mm	Thickness adjustment	End stop switch of working plate	
B600 A	2,8	60	Diagonal	3.5-10	47	0	14,40	---	---	---	---	---	---
B300 SA	2,8	60	Diagonal	3.5-0	49	0	8-16	---	---	---	---	---	---

• Guide to the use of adhesives

Apply a thin layer of cement on the two skived ends.
Let dry for 5 minutes, then match the belt ends, paying attention to align properly.
Press according to the instructions shown.
To ensure best joint life it is advisable not to run or tension the belt for 24 hours.
Kit: **NAILGUM**

• Layout of components



Press settings	
Upper platen temperature	180 °C
Lower platen temperature	180 °C
Curing time in press	15 min.
Driving torque	30
Cooling time: it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached.	

• Notes

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Last Update: 13-02-2018

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