

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET
CODE NA922
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

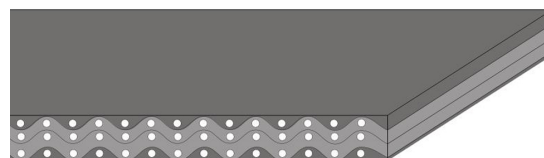
Coefficient of friction on driving surface

■ Raw steel sheet	0.20 [-]
■ Laminated plastic/wood	0.25 [-]
■ Steel roller	0.20 [-]
■ Rubberized roller	0.30 [-]

Max. production width	1800 mm	71 in.
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SUITABLE FOR

Rubber conveying in the tyre production process
 Conveying of plastic materials


FEATURES

Humidity influence	no
Suitable to metal detector	yes
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 link	7

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Issue: 24-07-2009

Last Update: 08-07-2020

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.

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• Recommended joining procedure SKIVED JOINT '1'



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

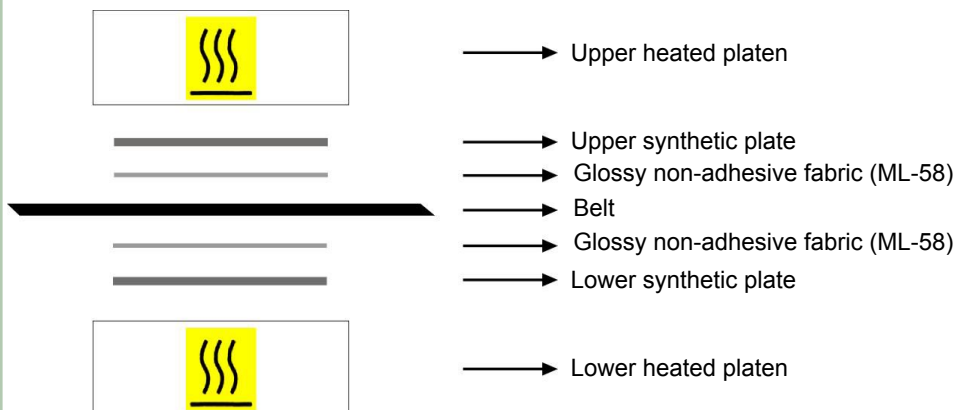
• Skiving instructions

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 **NAILGUM** 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.

• 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

Issue: 21-09-2006

Last Update: 13-02-2018

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