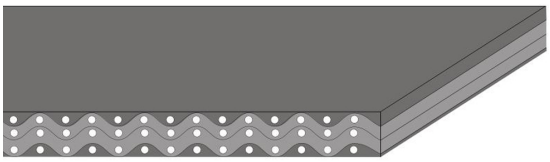
CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

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/m²	*0.63*	*lbs./sq.ft*
Elongation at 1%	15.0 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.*

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

PRODUCT CODE NA922 Last Update: 08-07-2020

CONVEYOR AND PROCESS BELTS **JOINING DATA SHEET**

3M12 0-G-0

• Recommended joining procedure

SKIVED JOINT '1'

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

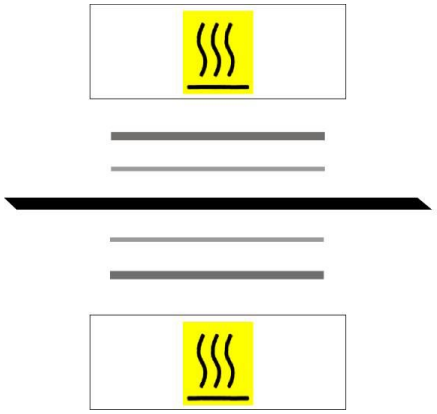
• Skiving instructions

Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley T mm	Pulley B mm	Pulley Thickness adjustment	Pulley End stop switch of working plate	Top cover T mm	Top cover B mm	Top cover Thickness adjustment	Top cover 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



→ Upper heated platen
→ Upper synthetic plate
→ Glossy non-adhesive fabric (ML58)
→ Belt
→ Glossy non-adhesive fabric (ML58)
→ Lower synthetic plate
→ Lower heated platen

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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