CHIORINO® 1906

CONVEYOR AND PROCESS BELTS

CODE	NA-1136		TYPE	2T12 U0-G25 HS GP

TECHNICAL DATA SHEET

COMPOSITION

Conveying surface

Material	Synthetic elastomer	
Thickness	2.50 mm	0.098 in.
Surface pattern	GP	
Colour	Green	
Coefficient of friction	HF	

Textile carcass

Material	Polyester (PET)
Plies no.	2
Weft type	Flexible

Driving surface

Material	Fabric with polyurethane (TPU) impregnation	
Thickness	--- mm	--- in.
Surface pattern	Fabric	
Colour	Grey	

HS®

TECHNICAL SPECIFICATIONS

Total thickness	5.50	mm	0.22 in.
Weight	4.50	kg/m²	0.92 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 [1]	min.	-40 °C	-40 °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	80	mm	3.2 in.
■ Counter-bending roller	100	mm	3.9 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

Corrugated carton: loading and conveying
Corrugated carton: flexo-folding
Corrugated carton: stacking
Packaging
Airports
Cement industry
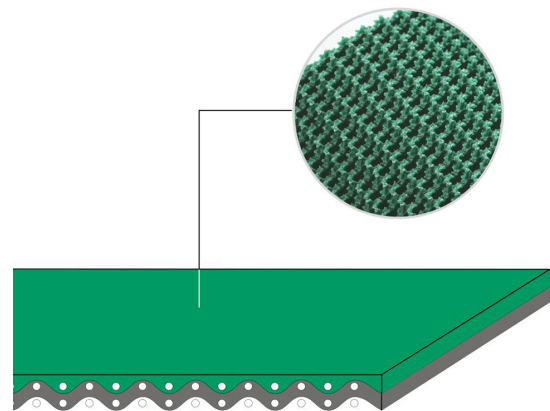
FEATURES

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	yes
Swan neck conveying	no
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	yes
Chemical resistances link	6

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

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· Recommended joining procedure

SKIVED JOINT '4'

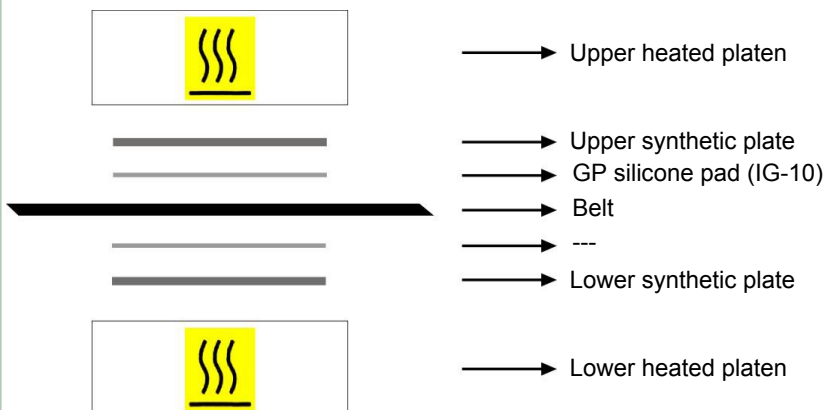Check our general catalogue to get further info on CHIORINO joining methods.

· 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	5,5	65	Diagonal	1.5-10	---	0	18,35	110	---	15	14,6	120
B300 SA	---	---	---	---	---	---	---	---	---	---	---	---

· Guide to the use of adhesives

Pour the **I hardener** with the **R cement** (pot-life 2 hours).
Apply a thin layer of above mix on both splices.
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: **SINTECOL**

· Layout of components

Upper heated platen

Upper synthetic plate
GP silicone pad (IG-10)
Belt

Lower synthetic plate

Lower heated platen

Press settings	
Upper platen temperature	100 °C
Lower platen temperature	100 °C
Curing time in press	25 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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