CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE	NA-122		TYPE	2T12 U0-G25 GP

COMPOSITION

Conveying side	material	Carboxilic rubber (XNBR)		
	thickness	2,5	mm	0,098 in
	cover finish	GP		
	colour	green		
	coeff. of friction	HF		
Textile carcass	material	Polyester (PET)		
	no. of plies	2		
	type of weft	flexible		
Driving side	material	Fabric with Polyurethane (TPU)		
	thickness	---	mm	--- in
	cover finish	fabric		
	colour	grey		

TECHNICAL SPECIFICATIONS

Total thickness		5,5 mm	0,22 in.	
Weight		4,5 kg/m^2	0,92 lbs./sq.ft	
Trazione all'1% d'allungamento		12 N/mm	68,5 lbs./in.	
Max. admitt. load		24 N/mm	137 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 pulley diameter

■ knife edge	no		
■ bending pulley	80 mm	3,15 in.	
■ counter-bending pulley	100 mm	3,94 in.	

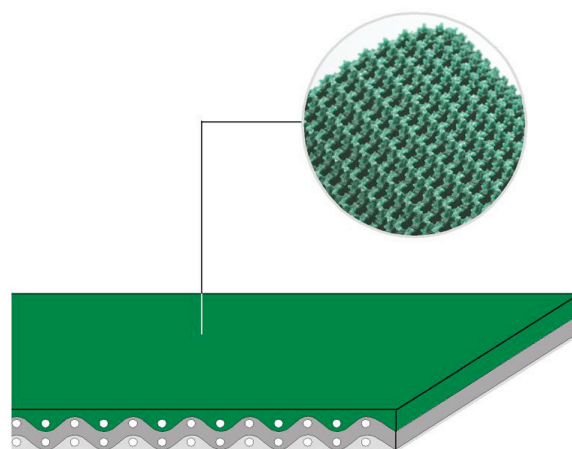the above mentioned values depend on the type of CHIORINO joint recommended

Coefficient of friction of 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.

JOINTING METHODS

See jointing data sheet

NOTES

FEATURES

FDA conformity	no
USDA conformity	no
HACCP conformity (CEE 72/2002)	no
Flame Retardant (EN20340-ISO340)	no
Humidity influence	no
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN 1718)	yes
Static conductivity (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 (see chart of chemical resistances)	7

SUITABLE FOR

Airports
Packaging and confectionary
Paper industry
Carton folding industry
Cement industry

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CHIORINO® 1906

CONVEYOR AND PROCESS BELTS

JOINTING DATA SHEET

CODE	NA-122	TYPE	**2T12 U0-G25 GP**

• Recommended jointing procedure

SKIVED JOINT '4'

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

• Skiving instructions
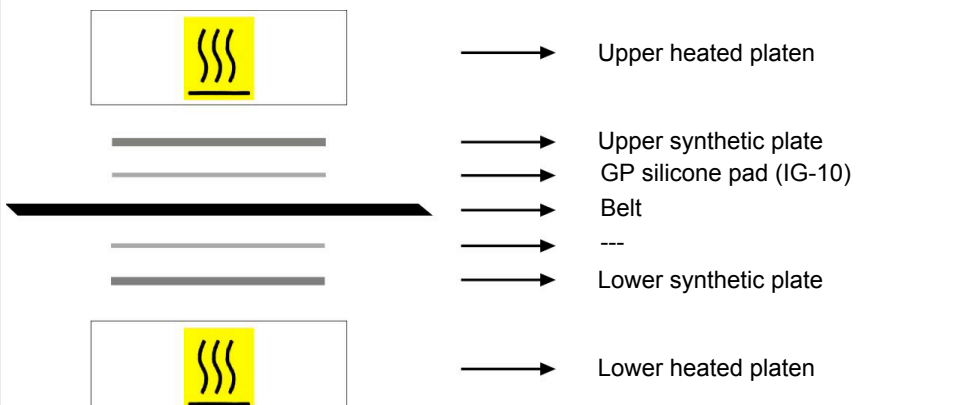
Skiver	Belt thickness	Length	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
					T	B	Thickness adjustment	End stop switch of working plate	T	B	Thickness adjustment	End stop switch of working plate
	mm	mm			mm	mm			mm	mm		
B600 A	5.50	65	Diagonal	1.50-10	---	0	18.35	110	---	15	14.6	120
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 N/m
Cooling time: the belt shall be removed from the press only when room temperature is reached.	

• Notes

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