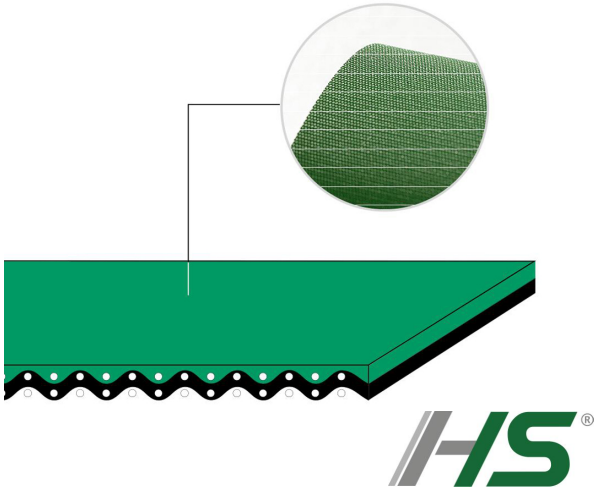
CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

2M8 U0-U-G5 HS FL

COMPOSITION

Conveying surface	Material	Synthetic elastomer
	Thickness	0.50 mm *0.020 in.*
	Surface pattern	FL
	Colour	Green
	Coefficient of friction	MF
Textile carcass	Material	Polyester (PET)
	Plies no.	2
	Weft type	Rigid
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Black



TECHNICAL SPECIFICATIONS

Total thickness		2.00 mm	*0.08*	*in.*
Weight		2.40 kg/m²	*0.49*	*lbs./sq.ft*
Elongation at 1%		8 N/mm	*46.0*	*lbs./in.*
Max. admissible pull		16 N/mm	*91.4*	*lbs./in.*
Temperature resistance [1]	min.	-20 °C	*-4*	*°F*
	max.	100 °C	*212*	*°F*

[1] Use of the belt with limit values may reduce its life.

Minimum radius / diameter [2]

Knife edge minimum radius	no		
Bending roller min. diameter	25 mm	*0.98*	*in.*
Counter-bending roller min. diameter	40 mm	*1.57*	*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: stacking & transfer
Printing and graphic: insertion cassettes wind./unwinding
Wood industry
Packaging
Mechanical 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	no
Swan neck conveying	yes
Inclined conveying	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	6

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Good resistance to emulsifying mineral oils etc.

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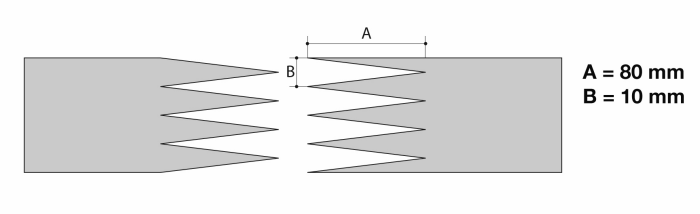
Recommended joining procedure SINGLE Z - 80 x 10 mm



A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '2'

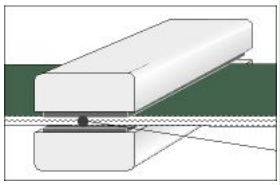
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

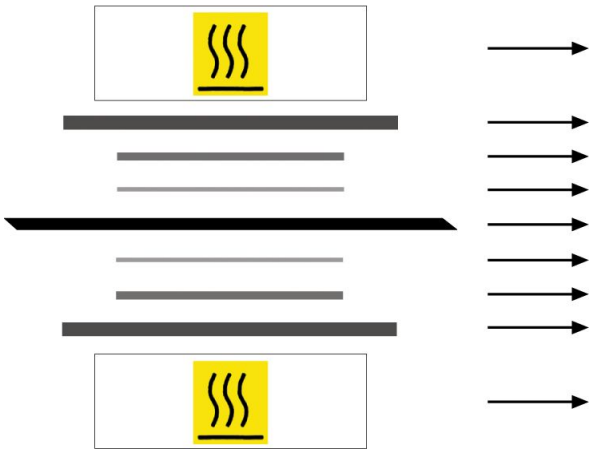
Press settings	
Upper platen temperature	180 °C
Lower platen temperature	110 °C
Temperature gauge setting	145 °C
Curing time in press	3 min.
Pressure	3 bar
Film	none
Cement	---

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side.
   A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



Upper heated platen
Upper synthetic plate
FL silicone pad (IG22)

Belt
Adhesive belt (AC401)
Non-adhesive silicone fabric (TX67)
Lower synthetic plate
Lower heated platen

• Notes

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