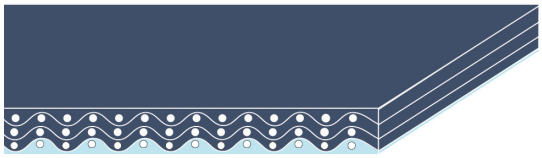
CHIORINO 1906

CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

3M8 U0-U5 blue DET

COMPOSITION

Conveying surface	Material	Polyurethane (TPU)
	Thickness	0.50 mm *0.020 in.*
	Surface pattern	Matt
	Colour	Dark blue
	Coefficient of friction	MF
Textile carcass	Material	Polyester (PET)
	Plies no.	3
	Weft type	Rigid
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Light blue



DET®

TECHNICAL SPECIFICATIONS

Total thickness	2.30 mm	*0.09*	*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.	-30 °C	*-22*	*°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	60 mm	*2.36*	*in.*
Counter-bending roller min. diameter	100 mm	*3.94*	*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	2000 mm	*79*	*in.*

SUITABLE FOR

Food 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	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	12

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments
EC 1935/2004 Regulation and Amendments
EC 2023/2006 Regulation and Amendments
EU 10/2011, 2023/1442 Regulation and Amendments
HACCP (Hazard Analysis and Critical Control Points)
FDA (Food and Drug Administration)
USDA Meat&Poultry (United States Department of Agriculture)
NSF/ANSI 3-A 14159-3-2014 Regulation and Amendments
HALAL (World Halal Authority)

NOTES

PRODUCT CODE NA1406 Last Update: 13-07-2021

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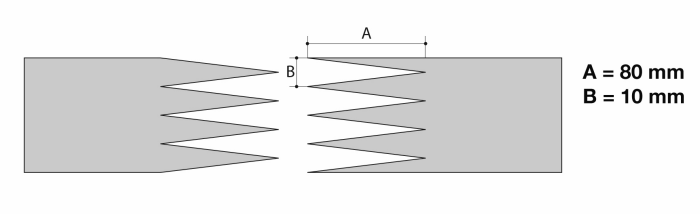
Recommended joining procedure SINGLE Z - 80 x 10 mm



A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '1'

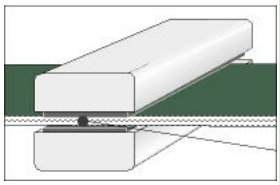
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

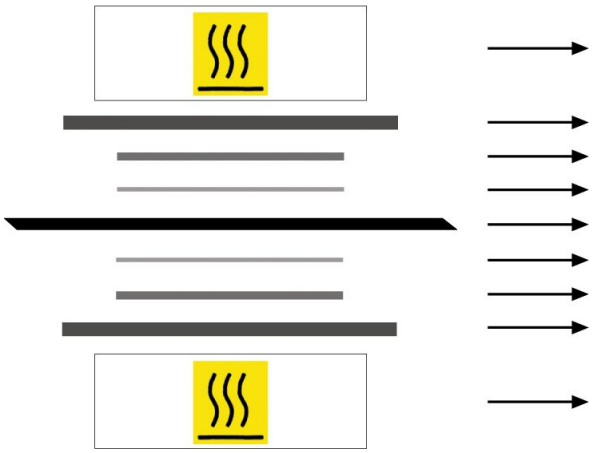
Press settings	
Upper platen temperature	160 °C
Lower platen temperature	155 °C
Temperature gauge setting	155 °C
Curing time in press	4 min.
Pressure	2,5 bar
Film	TC636 - Film PU Blue DET
Cement	---

1. Use the KM330 thermo-meter 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
Matt release paper (ML2)
Film
Belt

Non-adhesive silicone fabric (TX67)
Lower synthetic plate
Lower heated platen

• Notes

PRODUCT CODE NA1406 Last Update: 20-07-2018