EL6-U30 blue DET

COMPOSITION

Conveying surface	Material	Polyurethane (TPU)		
	Thickness	3.00 mm	*0.118*	*in.*
	Surface pattern	Smooth		
	Colour	Dark blue		
	Coefficient of friction	MF		
Textile carcass	Material	---		
	Plies no.	---		
	Weft type	---		
Driving surface	Material	Polyurethane (TPU)		
	Thickness	--- mm	---	*in.*
	Surface pattern	FL		
	Colour	Dark blue		

DET®

TECHNICAL SPECIFICATIONS

Total thickness		3.00 mm	*0.12*	*in.*
Weight		3.40 kg/m²	*0.69*	*lbs./sq.ft*
Elongation at 8%		6 N/mm	*34.0*	*lbs./in.*
Max. admissible pull		6 N/mm	*34.3*	*lbs./in.*
Temperature resistance (1)	min.	-30 °C	*-22*	*°F*
	max.	60 °C	*140*	*°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	20 mm	*0.79*	*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	0.40 [-]
Laminated plastic/wood	0.50 [-]
Steel roller	0.40 [-]
Rubberized roller	0.60 [-]

Max. production width	2000 mm	*79*	*in.*

SUITABLE FOR

Food: slicing machines
Food: meat and fish processing
Food: cheese processing
Packaging
Check weighers
Pharmaceutics industry

FEATURES

Humidity influence	no
Suitable to metal detector	no
Permanent antistatic dynamically (UNI EN ISO 21179)	no
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	yes
Swan neck conveying	no
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, 2024/3190 Regulation and Amendments
FDA (Food and Drug Administration)
HACCP (Hazard Analysis and Critical Control Points)
NSF/ANSI 3-A 14159-3-2014 Regulation and Amendments
HALAL (World Halal Authority)

NOTES

Recognized by metal detector

PRODUCT CODE NA1323 Last Update: 13-07-2021

DISCLAIMER
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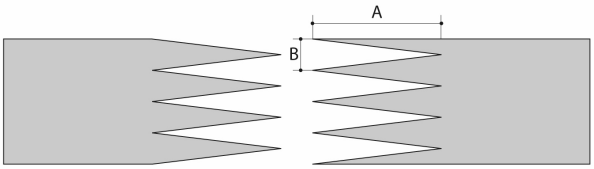
EL6-U30 blue DET

Recommended joining procedure SINGLE Z - 50 x 25 mm



A = 50 mm
B = 25 mm

Other joining methods can be used:

DIAGONAL SINGLE Z
MICRO Z - 30 x 6 mm
OVERLAP
BUTT SPLICE

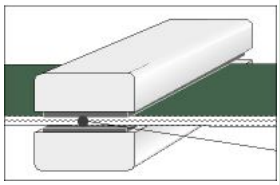
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

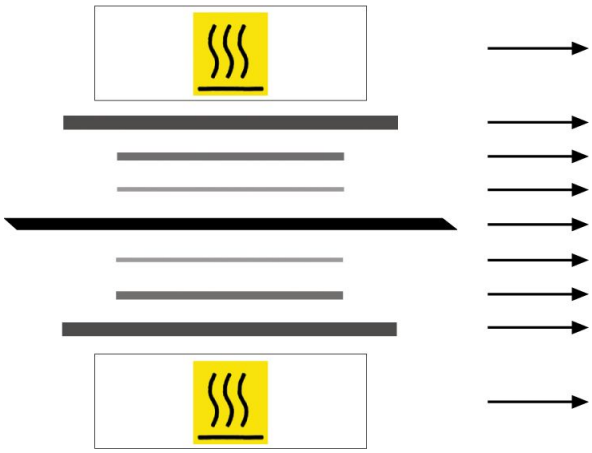
Press settings	
Upper platen temperature	165 °C
Lower platen temperature	165 °C
Temperature gauge setting	165 °C
Curing time in press	4 min.
Pressure	2 bar
Film	none
Cement	---

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
Matt release paper (ML2)

Belt

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

• Notes

PRODUCT CODE NA1323 Last Update: 27-04-2017

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