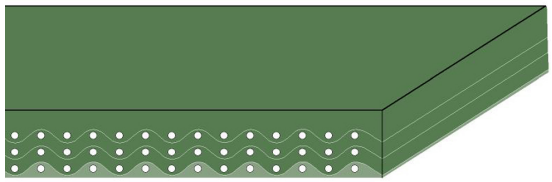
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-813 **TYPE** **3M15 U0-V15 AGR**

COMPOSITION

Conveying surface	Material	PVC 60 Sh.A (±5)
	Thickness	1.50 mm *0.059 in.*
	Surface pattern	Smooth
	Colour	Green
	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	Green



TECHNICAL SPECIFICATIONS

Total thickness	4.10 mm	*0.16*	*in.*
Weight	4.60 kg/m²	*0.94*	*lbs./sq.ft*
Elongation at 1%	18 N/mm	*103.0*	*lbs./in.*
Max. admissible pull	36 N/mm	*205.6*	*lbs./in.*
Temperature resistance [1] min.	-15 °C	*5*	*°F*
Temperature resistance [1] 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	100 mm	*3.94*	*in.*
■ Counter-bending roller min. diameter	200 mm	*7.87*	*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 3000 mm *118 in.*

SUITABLE FOR

Fruits and vegetables

FEATURES

Humidity influence	no
Suitable to metal detector	yes
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	no
Troughed conveying	no
Swan neck conveying	yes
Inclined conveying	no
Accumulators belts	
Curved conveyor	no
Chemical resistances (see file available on line)	3

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments

NOTES

Better resistance to low temperatures than the standard PVC belts.

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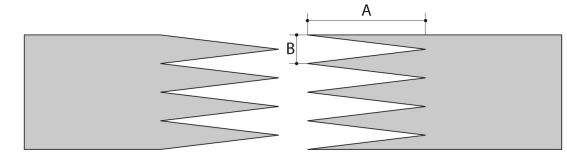
CONVEYOR AND PROCESS BELTS

JOINING TECHNICAL DATA SHEET

CODE NA-813 **TYPE** **3M15 U0-V15 AGR**

Recommended joining procedure SINGLE Z



A = 80 mm
B = 10 mm

Other joining methods can be used:

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '2'
STEP

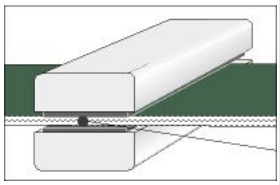
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

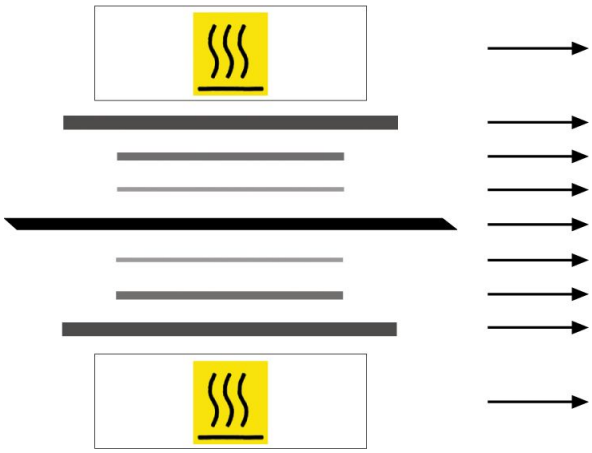
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	4 min.
Pressure	2 bar
Film	TC-384 - Apple green PVC film
Cement	---

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
Glossy non-adhesive fabric (ML-58)
Film
Belt - transparent film (placed) between plies

Glossy non-adhesive fabric (ML-58)
Lower synthetic plate
Lower heated platen

• Notes

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