CONVEYOR AND PROCESS BELTS **TECHNICAL DATA SHEET**

2M12 U0-V-U0 e+

COMPOSITION

Conveying surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	LdB fabric
	Colour	Anthracite
	Coefficient of friction	LF
Textile carcass	Material	Polyester (PET)
	Plies no.	2
	Weft type	Rigid
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	LdB fabric
	Colour	Anthracite

e+®

TECHNICAL SPECIFICATIONS

Total thickness	1.70	mm	*0.07*	*in.*
Weight	1.60	kg/m²	*0.33*	*lbs./sq.ft*
Elongation at 1%	12	N/mm	*69.0*	*lbs./in.*
Max. admissible pull	24	N/mm	*137.0*	*lbs./in.*
Temperature resistance [1] min.	-10	°C	*14*	*°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	40	mm	*1.57 in.*
Counter-bending roller min. diameter	80	mm	*3.15 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

Airports
Materials handling

FEATURES

Humidity influence	no
Suitable to metal detector	yes
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	yes
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	no
Chemical resistances link	9

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

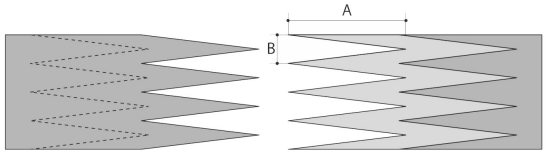
NOTES

PRODUCT CODE NA1578 Last Update: 28-02-2025

CONVEYOR AND PROCESS BELTS **JOINING TECHNICAL DATA SHEET**

2M12 U0-V-U0 e+

Recommended joining procedure DOUBLE Z



A = 40 mm
B = 10 mm

Other joining methods can be used:

SKIVED JOINT '1'

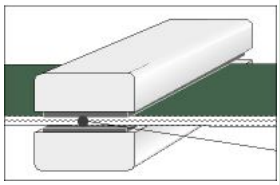
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

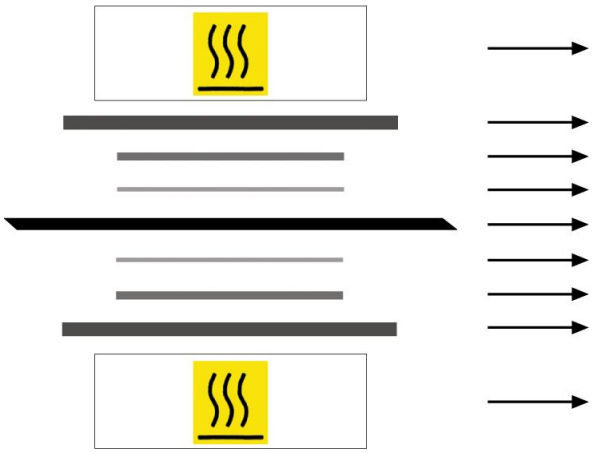
Press settings	
Upper platen temperature	175 °C
Lower platen temperature	175 °C
Temperature gauge setting	175 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC30 - Transparent PVC film
Cement	---

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

Non-adhesive silicone fabric (TX67)

Transparent film (placed) between plies

Lower synthetic plate

Lower heated platen

• Notes

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