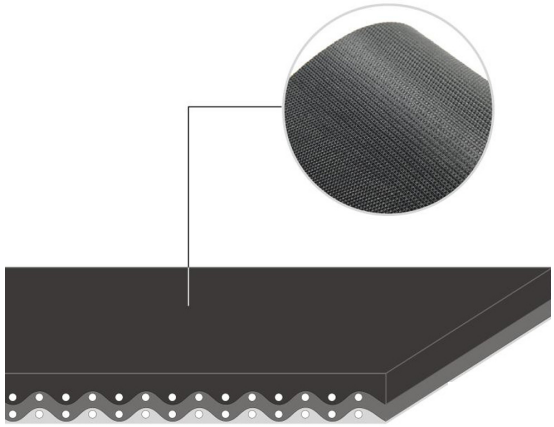
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

CODE NA-1210 **TYPE** **2T12 U0-V10 FM FR**

COMPOSITION

Conveying surface	Material	PVC 70 Sh.A (±5)
	Thickness	1.00 mm *0.039 in.*
	Surface pattern	FM
	Colour	Anthracite
	Coefficient of friction	MF
Textile carcass	Material	Polyester (PET)
	Plies no.	2
	Weft type	Flexible
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	Grey



TECHNICAL SPECIFICATIONS

Total thickness	2.30 mm	*0.09*	*in.*
Weight	2.50 kg/m²	*0.51*	*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	50 mm	*1.97*	*in.*
■ Counter-bending roller min. diameter	60 mm	*2.36*	*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

Packaging
Materials handling

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	yes
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	yes
Curved conveyor	yes
Chemical resistances (see file available on line)	9

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments
Flame Retardant UNI EN ISO 340
Flame Retardant UL94HB Horizontal Burning

NOTES

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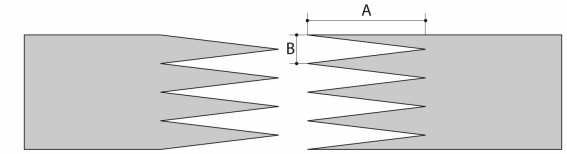
CHIORINO S.p.A. - VIA S. AGATA, 9 - 13900 BIELLA - ITALIA - P.O.B. 460 - TEL. +39-015-8489.1 - FAX +39-015.8496161
chiorino@chiorino.com - www.chiorino.com

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

CODE NA-1210 **TYPE** **2T12 U0-V10 FM FR**

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

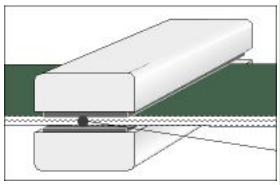
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

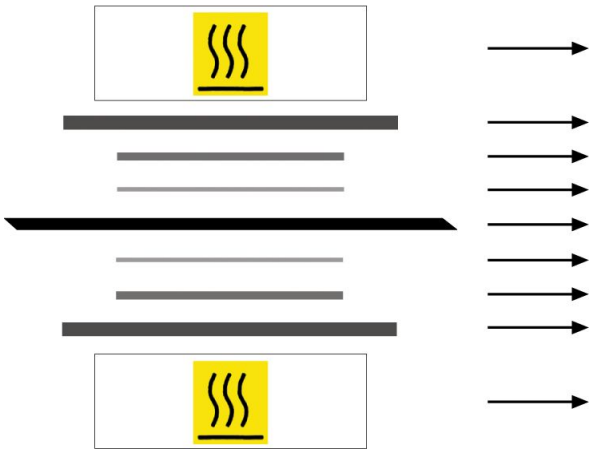
Press settings	
Upper platen temperature	180 °C
Lower platen temperature	180 °C
Temperature gauge setting	180 °C
Curing time in press	4 min.
Pressure	4 bar bar
Film	TC-28 - Black PVC film
Cement	---

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
FM silicone pad (IG-23)
Film
Belt

Non-adhesive silicone fabric (TX-67)
Lower synthetic plate
Lower heated platen

• Notes

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CHIORINO S.p.A. - VIA S. AGATA, 9 - 13900 BIELLA - ITALIA - P.O.B. 460 - TEL. +39-015-8489.1 - FAX +39-015.8496161
chiorino@chiorino.com - www.chiorino.com