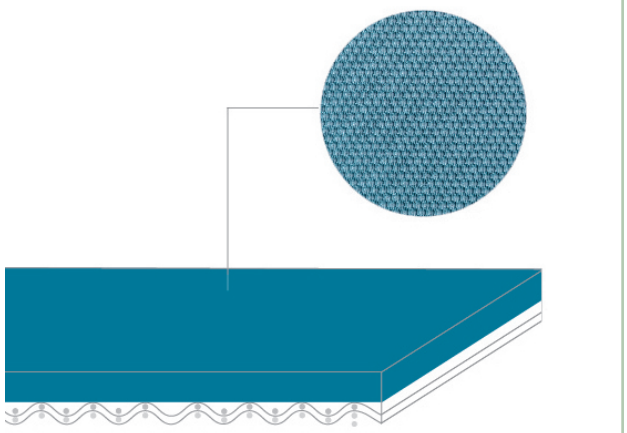
CONVEYOR AND PROCESS BELTS

TECHNICAL DATA SHEET

2M12 U0-U-G30 HS EN blue

COMPOSITION

Conveying surface	Material	Synthetic elastomer
	Thickness	3.00 mm *0.118 in.*
	Surface pattern	EN
	Colour	Blue
	Coefficient of friction	HF
Textile carcass	Material	Polyester (PET)
	Plies no.	2
	Weft type	Rigid
Driving surface	Material	Fabric with polyurethane (TPU) impregnation
	Thickness	--- mm --- *in.*
	Surface pattern	Fabric
	Colour	White



TECHNICAL SPECIFICATIONS

Total thickness	4.30 mm	*0.17 in.*	
Weight	4.50 kg/m²	*0.92 lbs./sq.ft*	
Elongation at 1%	12.0 N/mm	*69.0 lbs./in.*	
Max. admissible pull	24 N/mm	*137.0 lbs./in.*	
Temperature resistance (1)	min. -20 °C	*-4 °F*	
	max. 100 °C	*212 °F*	

(1) use of the belt with limit values may reduce its life

Minimum roller diameter (2)

Knife edge	no	
Bending roller	50 mm	*2.0 in.*
Counter-bending roller	80 mm	*3.2 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	1800 mm	*71 in.*

SUITABLE FOR

Corrugated carton: folding

Corrugated carton: stacking & transfer

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	yes
Accumulators belts	no
Curved conveyor	no
Chemical resistances link	6

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

PRODUCT CODE NA1620

Last Update: 03-03-2021

CHIORINO 1906

CONVEYOR AND PROCESS BELTS **JOINING DATA SHEET**

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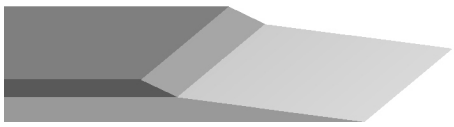
• Recommended joining procedure

SKIVED JOINT '4'



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

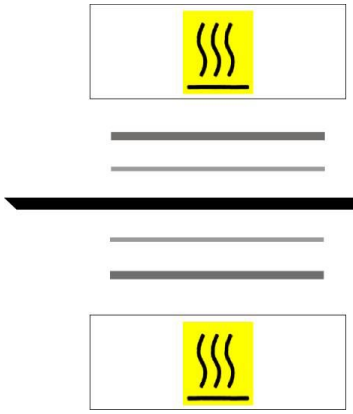
• Skiving instructions

Skiver	Belt thickness mm	Length mm	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
					T mm	B mm	Thickness adjustment	End stop switch of working plate	T mm	B mm	Thickness adjustment	End stop switch of working plate
B600 A	4,3	55	Straight	1,5-14	36	0	18,6	---	41	15	16,25	---
B300 SA	---	---	---	---	---	---	---	---	---	---	---	---

• Guide to the use of adhesives

Pour the **I hardener** with the **R cement** (pot-life 2 hours).
Apply a thin layer of above mix on both splices.
Let dry for 5 minutes, then match the belt ends, paying attention to align properly.
Press according to the instructions shown.
To ensure best joint life it is advisable not to run or tension the belt for 24 hours.

• Layout of components



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

Press settings	
Upper platen temperature	115 °C
Lower platen temperature	115 °C
Curing time in press	15 min.
Driving torque	2,5

Cooling time:
it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached.

• Notes

PRODUCT CODE NA1620 Last Update: 06-12-2023