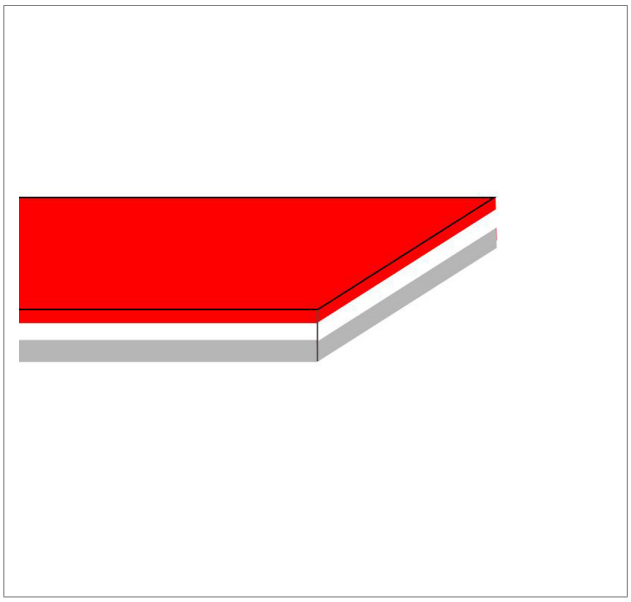
FLAT TRANSMISSION BELTS

TECHNICAL DATA SHEET

CODE CG31 **TYPE** **LT12**

COMPOSITION

Top surface	Material	Polyurethane (TPU)
	Finish	FL
	Colour	Red
	Coefficient of friction	0,3
Traction core	Material	Polyamide (PA)
Bottom surface	Material	Leather
	Finish	---
	Colour	Grey
	Coefficient of friction	0,4



TECHNICAL SPECIFICATIONS

Total thickness		6.10 mm	*0.24*	*in.*
Weight		6.80 kg/m²	*1.39*	*lbs./sq.ft*
Minimum pulley diameter (1)		400 mm	*15.7*	*in.*
(1) The above mentioned values depend on running spee				
Pull for 1% elongation		40.0 N/mm	*228*	*lbs./in.*
Tensile strength		1600 N/mm	*9136*	*lbs./in.*
Temperature resistance (2)	min.	0 °C	*32*	*°F*
	max	80 °C	*176*	*°F*
(2) Use of the belt with limit values may reduce its life				
Humidity influence			yes	
Permanent antistatic dynamically (UNI EN ISO 21179)			no	
Both sides can be used for power transmission			no	

SUITABLE FOR

Paper industry

Flour mills

Wood industry

FEATURES

- Well performing with severe overload applications, as they allow temporary sliding on pulleys without getting damaged

COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

NOTES

Belts with chrome leather driving surface

Suitable for live roller drives

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FLAT TRANSMISSION BELTS

JOINING DATA SHEET

CODE CG31 **TYPE** **LT12**

• Recommended joining procedure

SKIVED JOINT '2'

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

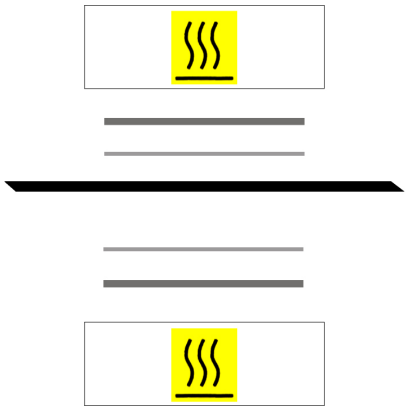
• Skiving instructions

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	6.5	135	Diagonal	3.5-10	104	1	14,15	---	100	17	12,08	---
B300 SA	6.5	135	Diagonal	3.5-10	104	1	08-08	---	100	17	07-05	---

• Guide to the use of adhesives

Pour the **I hardener** with the **R cement** (pot life 2 hours), then apply a thin layer of this mix on the leather area of the splice, lightly tapping with the brush. Wait until it dries.
Spread the **K cement** on the polyamide area of the skive and allow it to dry for 5 minutes.
Spread again the **R+I mix** on the leather area, again in a thin layer and let it dry for 5 minutes, then match the belt ends, checking their perfect alignment.
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
→ Silicone sheeting thickness 3 mm
→ Belt
→ Glossy non-adhesive fabric (ML-58)
→ Lower synthetic plate
→ Lower heated platen

Press settings	
Upper platen temperature	90 °C
Lower platen temperature	90 °C
Curing time in press	60 min.
Driving torque	30

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

• Notes

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