

# FLAT TRANSMISSION BELTS

## TECHNICAL DATA SHEET

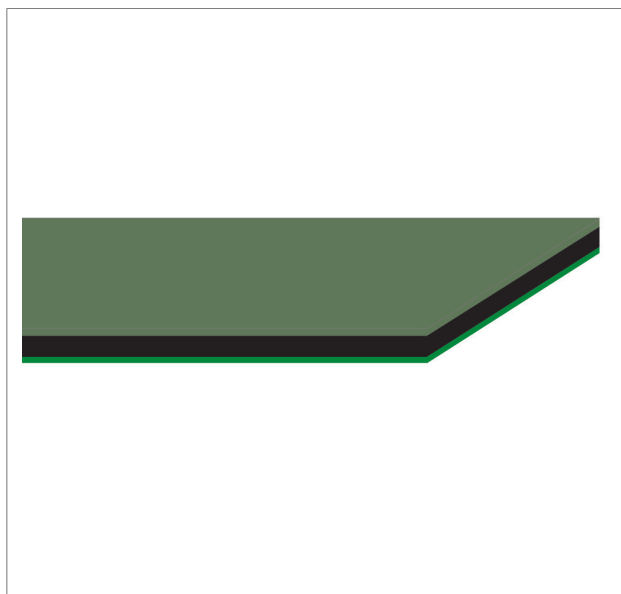
CODE **CG217**

TYPE

**P1**

### COMPOSITION

Top surface	Material	Fabric with polyurethane (TPU)
	Finish	Fabric
	Colour	Green
	Coefficient of friction	0,3
Traction core	Material	Polyamide (PA)
Bottom surface	Material	Synthetic elastomer
	Finish	Fabric
	Colour	Green
	Coefficient of friction	0,6



### TECHNICAL SPECIFICATIONS

Total thickness		1.40 mm	0.06 in.
Weight		1.50 kg/m²	0.31 lbs./sq.ft
Minimum pulley diameter <sup>(1)</sup>		25 mm	1.0 in.
<sup>(1)</sup> The above mentioned values depend on running speed			
Pull for 1% elongation		5.0 N/mm	29 lbs./in.
Tensile strength		200 N/mm	1142 lbs./in.
Temperature resistance <sup>(2)</sup>	min.	-20 °C	-4 °F
	max	100 °C	212 °F
<sup>(2)</sup> Use of the belt with limit values may reduce its life			
Humidity influence			yes
Permanent antistatic dynamically (UNI EN ISO 21179)			yes
Both sides can be used for power transmission			no

### SUITABLE FOR

Paper industry  
Printing and graphic  
Wood industry  
Packaging

### FEATURES

- Flexibility
- Resistance to overloads
- Coefficient of friction stable in time

### COMPLIANCES

REACH EC 1907/2006 Regulation and Amendments

### NOTES

Suitable for small power transmission  
Can be also used as conveyor belts

Issue: 10-10-2011

Last Update: 8-07-2021

### DISCLAIMER

The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

# FLAT TRANSMISSION BELTS

# JOINING DATA SHEET

CODE **CG217**

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## • Recommended joining procedure

SKIVED JOINT '1'



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

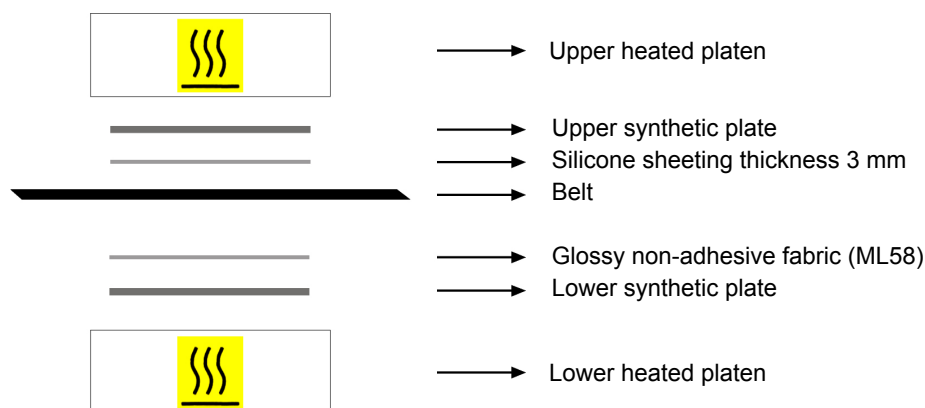
## • Skiving instructions

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
<b>B600 A</b>	1.4	45	Diagonal	1.25-10	37	0	19,05	----	37	2	18,95	----
<b>B300 SA</b>	1.4	45	Diagonal	1.25-10	39	1	12-09	----	39	2.5	12-06	----

## • Guide to the use of adhesives

Apply the **K cement** on the polyamide part of the 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



### Press settings

Upper platen temperature	110 °C
Lower platen temperature	110 °C
Curing time in press	10 min.
Driving torque	30 N/m

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

## • Notes

Issue: 21-07-2011

Last Update: 30-01-2014

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