

**CODE CG-289**
**TYPE**
**DG1/15 HS**
**COMPOSITION**
**Top surface**

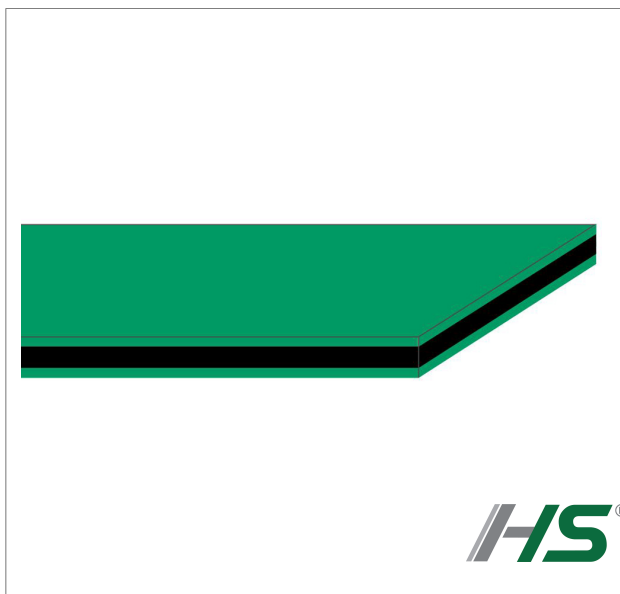
material	Synthetic elastomer
finish	Fabric
colour	Green
coefficient of friction	0.7

**Traction core**

material	Polyamide (PA)
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**Bottom surface**

material	Synthetic elastomer
finish	Fabric
colour	Green
coefficient of friction	0.7


**TECHNICAL SPECIFICATIONS**

Total thickness	1.6 mm	0.06 in.
Weight	1.8 kg/m <sup>2</sup>	0.37 lbs./sq.ft
Minimum pulley diameter (1)	20 mm	0.8 in.
(1) The above mentioned values depend on running speed		
Pull for 1% elongation	5.0 N/mm	29 lbs./in.
Tensile strength	300 N/mm	1713 lbs./in.
Temperature resistance (2)	min.	-20 °C
	max	100 °C
(2) 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	yes	

**FEATURES**

- Highest resistance to abrasion
- Outstanding flexibility
- Excellent coefficient to friction and performance maintenance over time
- Excellent resilience of elastomer cover
- Excellent resilience in the joining
- Excellent creep recovery of all strains to which it undergoes during particularly hard processing cycles

**COMPLIANCES**

REACH Regulation EC 1907/2006 and amendments

**SUITABLE FOR**

Printing and graphic: insertion cassettes wind./unwinding

Paper industry: tube winders

Paper industry: multiple drives

**NOTES**

Belts for medium and high speed folder-glueers

Issue: 18-01-2017

Last Update: 18-01-2017

**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 **CG-289**

TYPE

**DG1/15 HS**

• Recommended joining procedure

SKIVED JOINT '1'



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

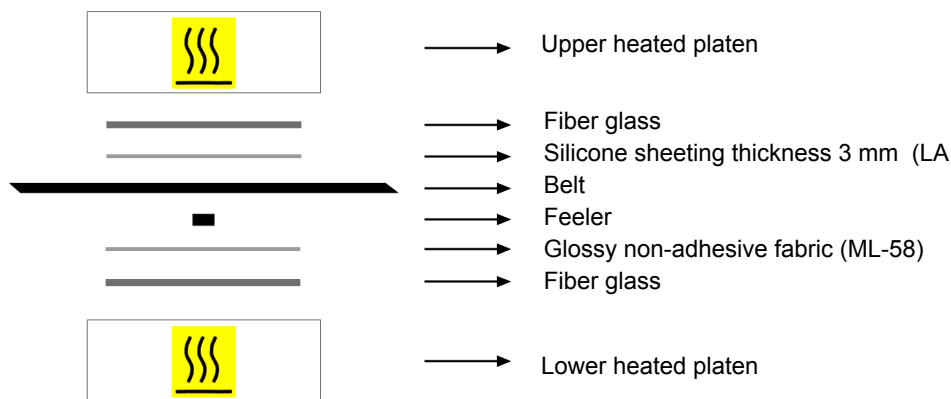
• Skiving instructions

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>	1.6	50	Diagonal	3.5-10	---	---	---	---	---	-10	15,05	---
<b>B300 SA</b>	1.6	50	Diagonal	2-10	---	---	---	---	58	-10	11-05	---

• Guide to the use of adhesives

Apply the **K adhesive** 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.  
Kit: **NAILCOL**

• Layout of components



Press settings	
Upper platen temperature	130 °C
Lower platen temperature	130 °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

Check the set temperature by means of a **feeler** ensuring  $120 \pm 5^\circ\text{C}$  is reached on the platen that is in contact with the lower side of the belt.  
**Note:** the feeler must be placed on a fill-in piece and not on the product joint (the procedure of checking the temperatures must be carried out and re-checked at least once a week).

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