

=LA		ANSM	IISSION E	BELTS				TECHNICAL DATA SHEET
сс	DDE	CG	293			тү	'PE	DG2/30 HS
C	OMPOS							
	OMPOSITION							
	Material Finish Colour Coefficient of friction		Synthetic e	lastomer				
Top surface			FL					
			Green					
			0,7					
Traction core	Materia	al	Polyamide (PA)					
Bottom surface	Material Finish		Synthetic e	lastomer				
			FL					
log Sul	Colour		Green					//S
	Coeffic of fricti		0,7					
TE	ECHNIC	AL SPE	CIFICATION	S			FEA	ATURES
Tota	al thickn	ess		3.20 mm	0.13	in.	- Highes	st resistance to abrasion
Wei	ight			3.70 kg/m ²	0.75	lbs./sq.ft	- Outsta	anding flexibility
	imum pu he above			40 mm and on running spe	<i>1.6</i>	in.		ent coefficient to friction and performance maintenanc
Pull	for 1%	elongat	tion	8.0 N/mm	46	lbs./in.		ent resilience of elastomer cover
Ten	sile stre	ngth		390 N/mm	2227	lbs./in.	- Excelle	ent resilience in the joining
Terr	nperatur	e 2)	min.	-20 °C	-4	°F	- Excelle	ent creep recovery of all strains to which it undergoes
	resistance $^{(2)}$ max 100 °C 212 $^{(2)}$ Use of the belt with limit values may reduce its life			°F		particularly hard processing cycles		
	nidity ini		innit values ma		yes			
	•				yes		CON	I PLIANCES
(UN	II EN ISC	D 21179			yes		REACH E	EC 1907/2006 Regulation and Amendments
Botl	h sides c	can be i	used for powe	er transmission	yes			
	UITABL							
Prir	nting and	d graph	ic: insertion of	cassettes wind./	unwindi	ng		
Paper industry: tube winders							NOT	TES
Рар	oer indus	stry: dis	scharge				Belts for	r medium and high speed folder-gluers
Box	< folding	industr	y: folder-glu	ers				
Iss	ue: 18-	-01-20	17				I	Last Update: 29-10-2019
The i degre applic	ees °C at cations. T	50% rela he clier	ative humidity. I It remains liabl	t does not necessa	arily reflec selection	t the conditio and correct	ons of industrial use of the CH	uct as tested in a laboratory environment at a temperature of use and it does not guarantee the product to be suitable for cer fIORINO product. CHIORINO cannot be held responsible sho tibout prior notice.



FLAT TRANSMISSION BELTS

JOINING DATA SHEET

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CODE CG293
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DG2/30 HS

Recommended joining procedure

SKIVED JOINT '1'

TYPE

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

Skiving instructions

Skiver	Belt thickness	Length	Straight/ diagonal cut	Cam/ wedge number	Pulley				Top cover			
	mm	mm			т в	Thickness adjustment	End stop switch of working plate	Т	В	Thickness adjustment	End stop switch of working	
					mm	mm		plate	mm	mm		plate
B600 A	3.2	60	Diagonal	5-28						-10	12,50	
B300 SA	3.2	60	Diagonal	5-28						-10	11-04	

Guide to the use of adhesives

Apply the K cement on the polyamide part of the splices. Apply the H primer and then the B cement on the four elastomer parts of the two 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 heated platen Upper platen 130 °C temperature Fiber glass Lower platen Silicone sheeting thickness 3 mm 130 °C temperature Belt Curing time Feeler 30 min. in press Glossy non-adhesive fabric (ML-58) Driving torque Fiber glass 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. <u>}</u> Lower heated platen Notes Check the set temperature by means of a feeler ensuring $120 \pm 5^{\circ}$ 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. Issue: 26-01-2017 Last Update: 26-01-2017 DISCLAIMER The information 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.

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