

| =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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