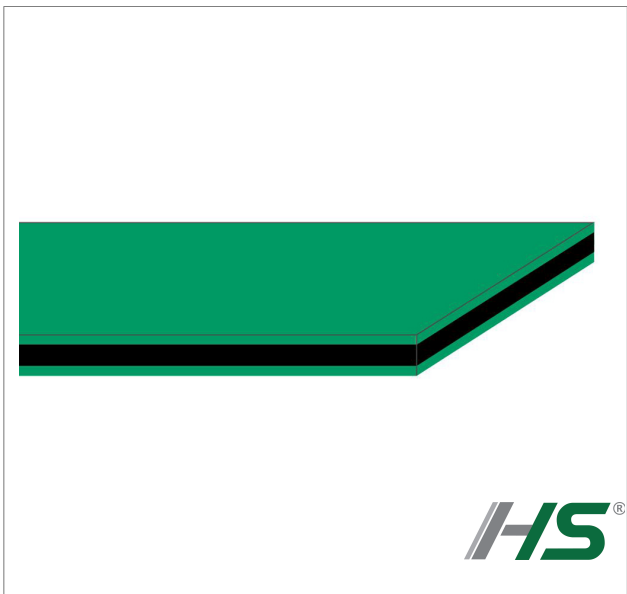


| | | | |
|-------------|---------------|-------------|------------------|
| CODE | CG-290 | TYPE | DG1/30 HS |
|-------------|---------------|-------------|------------------|

COMPOSITION

| | | |
|-----------------------|-------------------------|---------------------|
| Top surface | material | Synthetic elastomer |
| | finish | FL |
| | colour | Green |
| | coefficient of friction | 0.7 |
| Traction core | material | Polyamide (PA) |
| | | |
| Bottom surface | material | Synthetic elastomer |
| | finish | FL |
| | colour | Green |
| | coefficient of friction | 0.7 |


TECHNICAL SPECIFICATIONS

| | | | |
|---|-----------------------|-----------------|--------|
| Total thickness | 3.0 mm | 0.12 in. | |
| Weight | 3.4 kg/m ² | 0.69 lbs./sq.ft | |
| Minimum pulley diameter (1) | 30 mm | 1.2 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 | -4 °F |
| | max | 100 °C | 212 °F |
| (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

SUITABLE FOR

- Printing and graphic: insertion cassettes wind./unwinding
- Paper industry: tube winders
- Paper industry: multiple drives
- Box folding industry: folder-glueers

COMPLIANCES

REACH Regulation EC 1907/2006 and amendments

NOTES

Belts for medium and high speed folder-glueers

Issue: 18-01-2017

Last Update: 18-01-2017

DISCLAIMER

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CODE CG-290

TYPE

DG1/30 HS

• Recommended joining procedure

SKIVED JOINT '1'



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

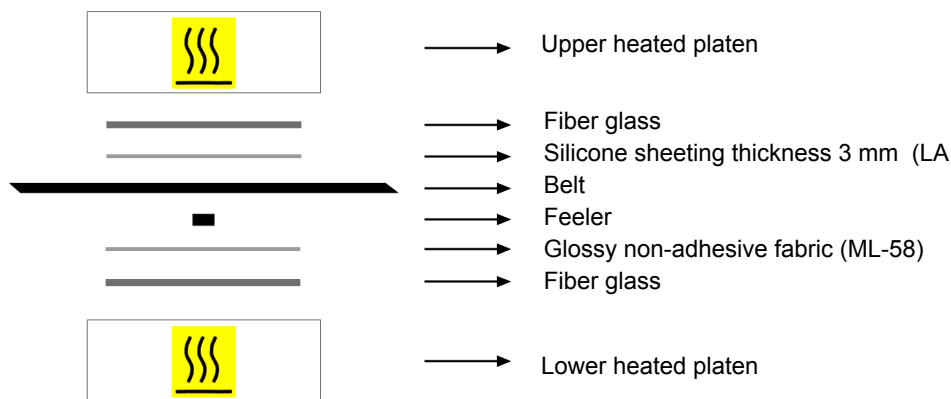
• Skiving instructions

| 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 |
| B600 A | 3 | 60 | Diagonal | 5-28 | --- | --- | --- | --- | --- | -10 | 18,20 | --- |
| B300 SA | 3 | 60 | Diagonal | 5-28 | --- | --- | --- | --- | --- | -10 | 11-12 | --- |

• Guide to the use of adhesives

Apply the **K adhesive** on the polyamide part of the splices.
 Apply the **H primer** and then the **B adhesive** 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.
 Kit: CARBOCOL

• Layout of components



| Press settings | |
|--|---------|
| Upper platen temperature | 130 °C |
| Lower platen temperature | 130 °C |
| Curing time in press | 20 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).

Issue: 26-01-2017

Last Update: 26-01-2017

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