

**CONVEYOR AND PROCESS BELTS**
**TECHNICAL DATA SHEET**
**CODE NA1139**
**TYPE**
**NT2 HS**
**COMPOSITION**

|                          |                         |   |            |
|--------------------------|-------------------------|---|------------|
| <b>Conveying surface</b> | Material                | Synthetic elastomer                         |            |
|                          | Thickness               | 0.50 mm                                     | 0.020 in.  |
|                          | Surface pattern         | FL  |            |
|                          | Colour                  | Green                                       |            |
|                          | Coefficient of friction | MF  |            |
| <b>Textile carcass</b>   | Material                | Polyamide (PA)                              |            |
|                          | Plies no.               | 2   |            |
|                          | Weft type               | Flexible                                    |            |
| <b>Driving surface</b>   | Material                | Fabric with polyurethane (TPU) impregnation |            |
|                          | Thickness               | ---   | mm --- in. |
|                          | Surface pattern         | Fabric                                      |            |
|                          | Colour                  | Black                                       |            |

**TECHNICAL SPECIFICATIONS**

|                                       |                        |                 |
|---------------------------------------|------------------------|-----------------|
| Total thickness                       | 2.00 mm                | 0.08 in.        |
| Weight                                | 2.10 kg/m <sup>2</sup> | 0.43 lbs./sq.ft |
| Elongation at 1%                      | 4 N/mm                 | 20.0 lbs./in.   |
| Max. admissible pull                  | 7 N/mm                 | 40.0 lbs./in.   |
| Temperature resistance <sup>(1)</sup> | min.                   | -20 °C -4 °F    |
|                                       | max.                   | 100 °C 212 °F   |

<sup>(1)</sup> use of the belt with limit values may reduce its life

|  |       |         |
|--|-------|---------|
| Minimum roller diameter <sup>(2)</sup> |       |         |
| ■ Knife edge                           | no    |         |
| ■ Bending roller                       | 20 mm | 0.8 in. |
| ■ Counter-bending roller               | 25 mm | 1.0 in. |

<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommended

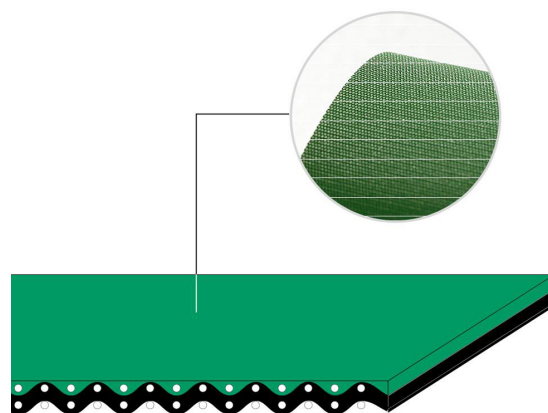
Coefficient of friction on driving surface

|                          |          |
|--------------------------|----------|
| ■ Raw steel sheet        | 0.20 [-] |
| ■ Laminated plastic/wood | 0.25 [-] |
| ■ Steel roller           | 0.20 [-] |
| ■ Rubberized roller      | 0.30 [-] |

Max. production width 1800 mm 71 in.

**SUITABLE FOR**

Wood industry  
 Paper industry: cutters  
 Printing and graphic: stacking  
 Printing and graphic: insertion cassettes wind./unwinding  
 Printing and graphic: gathering  
 Printing and graphic: wrapping / binding  
 Packaging  
 Mechanical industry



**FEATURES**

|   |     |
|---|-----|
| Humidity influence                                  | yes |
| Suitable to metal detector                          | no  |
| Permanent antistatic dynamically (UNI EN ISO 21179) | yes |
| Static conductivity (UNI EN ISO 284)                | no  |
| Conveying on skid bed                               | yes |
| Conveying on rollers                                | yes |
| Conveying on skid bed on top and return             | no  |
| Troughed conveying                                  | yes |
| Swan neck conveying                                 | no  |
| Inclined conveying                                  | yes |
| Accumulators belts                                  | no  |
| Curved conveyor                                     | no  |
| Chemical resistances <a href="#">link</a>           | 6   |

**COMPLIANCES**

REACH EC 1907/2006 Regulation and Amendments

**NOTES**

Good resistance to emulsifying mineral oils etc.

Issue: 10-10-2011

Last Update: 01-03-2019

**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.

CODE **NA1139**

TYPE

**NT2 HS**

• Recommended joining procedure SKIVED JOINT '4'



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

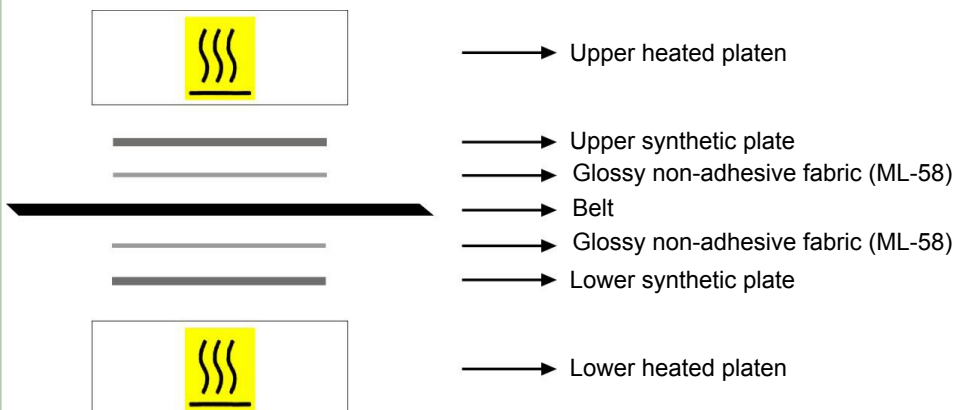
• Skiving instructions

| Skiver         | Belt thickness<br>mm | Length<br>mm | Straight/<br>diagonal<br>cut | Cam/<br>wedge<br>number | Pulley  |         |                         |   | Top cover |         |                         |   |
|----------------|----------------------|--------------|------------------------------|-------------------------|---------|---------|-------------------------|---|-----------|---------|-------------------------|---|
|                |                      |              |                              |                         | T<br>mm | B<br>mm | Thickness<br>adjustment | End stop<br>switch of<br>working<br>plate | T<br>mm   | B<br>mm | Thickness<br>adjustment | End stop<br>switch of<br>working<br>plate |
| <b>B600 A</b>  | 2,00                 | 40           | Straight                     | 1.5-10                  | 32      | 0       | 18,55                   | ---                                       | 31        | 6       | 17,95                   | ---                                       |
| <b>B300 SA</b> | 2,00                 | 40           | Straight                     | 1.5-10                  | 36      | 0       | 11-19                   | ---                                       | 35        | 6       | 11-08                   | ---                                       |

• Guide to the use of adhesives

Apply the **K cement** on the polyamide part of the splices. Apply the **H primer** on the elastomer part of the two splices and the **B cement** on the elastomer part of a single splice.  
 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   | 100 °C  |
| Lower platen temperature   | 100 °C  |
| Curing time in press   | 10 min. |
| Driving torque   | 30      |
| Cooling time:<br>it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached. |         |

• Notes

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