## CONVEYOR AND PROCESS BELTS

### TECHNICAL DATA SHEET

#### NT1 HS

### COMPOSITION

<table>
<thead>
<tr>
<th>Surface</th>
<th>Material</th>
<th>Thickness</th>
<th>Surface pattern</th>
<th>Colour</th>
<th>Coefficient of friction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conveying</td>
<td>Synthetic elastomer</td>
<td>0.20 mm</td>
<td>SK</td>
<td>Green</td>
<td>MF</td>
</tr>
<tr>
<td>Textile carcass</td>
<td>Polyamide (PA)</td>
<td>3</td>
<td>Flexible</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driving surface</td>
<td>Fabric with polyurethane (TPU) impregnation</td>
<td>---</td>
<td>Fabric</td>
<td>Black</td>
<td></td>
</tr>
</tbody>
</table>

### TECHNICAL SPECIFICATIONS

- **Total thickness**: 1.20 mm / 0.05 in.
- **Weight**: 1.20 kg/m² / 0.24 lbs./sq.ft
- **Elongation at 1%**: 3 N/mm / 17.0 lbs./in.
- **Max. admissible pull**: 6 N/mm / 34.3 lbs./in.
- **Temperature resistance (°C)**: min. -20 / -4 °F, max. 100 / 212 °F
- **Use of the belt with limit values may reduce its life**
- **Minimum roller diameter (mm)**:
  - Knife edge: no
  - Bending roller: 15 / 0.6 in.
  - Counter-bending roller: 15 / 0.6 in.
- **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.

### 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 link**: 6

### COMPLIANCES

- **REACH EC 1907/2006 Regulation and Amendments**

### NOTES

**SUITABLE FOR**

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

**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, 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.

chiorino@chiorino.com - www.chiorino.com
Apply the K cement 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
- SKIVED JOINT ‘4’
- Recommended joining procedure
- Skiving instructions
- Guide to the use of adhesives
- Layout of components
- Notes

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

<table>
<thead>
<tr>
<th>Skiver</th>
<th>Belt thickness</th>
<th>Length</th>
<th>Straight/diagonal cut</th>
<th>Cam/ wedge number</th>
<th>Pulley thickness adjustment</th>
<th>End stop switch of working plate</th>
<th>Top cover thickness adjustment</th>
<th>End stop switch of working plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>B600 A</td>
<td>1.3</td>
<td>25</td>
<td>Straight</td>
<td>2-10</td>
<td>19</td>
<td>0</td>
<td>17.5</td>
<td>---</td>
</tr>
<tr>
<td>B300 SA</td>
<td>1.3</td>
<td>25</td>
<td>Straight</td>
<td>2-10</td>
<td>24</td>
<td>0</td>
<td>11-03</td>
<td>---</td>
</tr>
</tbody>
</table>

Apply the K cement 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

Press settings

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper platen temperature</td>
<td>100 °C</td>
</tr>
<tr>
<td>Lower platen temperature</td>
<td>100 °C</td>
</tr>
<tr>
<td>Curing time in press</td>
<td>5 min.</td>
</tr>
<tr>
<td>Driving torque</td>
<td>30</td>
</tr>
</tbody>
</table>

Cooling time: it is recommended to remove the belt from the press once a temperature of 60/70 degrees C is reached.

Issue: 16-12-2011

Last Update: 04-12-2014

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