

**CODE** NA-1307A

**TYPE**
**HP Compact 40 blue**
**COMPOSITION**


|                         |   |                 |  |
|-------------------------|---|-----------------|--|
| Description             | Compact belt with traction core treated to avoid waviness |                 |  |
| Material                | Polyurethane (TPU) - HP <sup>®</sup> system               |                 |  |
| Thickness               | 4.00 mm   | 0.16 in.        |  |
| Weight                  | 4.10 kg/m <sup>2</sup>                                    | 0.84 lbs./sq.ft |  |
| Surface pattern         | Smooth  |                 |  |
| Colour                  | HP <sup>®</sup> blue                                      |                 |  |
| Coefficient of friction | LF  |                 |  |

**TECHNICAL SPECIFICATIONS**

|  |               |             |        |
|--|---------------|-------------|--------|
| Elongation at 1%   | 15 N/mm       | 86 lbs./in. |        |
| Temperature resistance <sup>(1)</sup>                                | min.          | -30 °C      | -22 °F |
|  | max.          | +110 °C     | 230 °F |
| <sup>(1)</sup> use of the belt with limit values may reduce its life |               |             |        |
| Max. production width  | 2000 mm       | 79 in.      |        |
| Minimum roller diameter:   |               |             |        |
| ■ Bending roller   | 80 mm         | 3.2 in.     |        |
| ■ Counter-bending roller   | 120 mm        | 4.7 in.     |        |
| Coefficient of friction:   |               |             |        |
| ■ Stainless steel - dry/wet  | 0.50/0.42 [-] |             |        |
| ■ UHMW <sup>(2)</sup> - dry/wet                                      | 0.42/0.35 [-] |             |        |
| <sup>(2)</sup> UHMW = Ultra High Molecular Weight                    |               |             |        |

**FEATURES**

|   |     |
|---|-----|
| Humidity influence                                  | no  |
| Suitable to metal detector                          | yes |
| Permanent antistatic dynamically (UNI EN ISO 21179) | no  |
| Static conductivity (UNI EN ISO 284)                | no  |
| C.I.P. (Clean In Place)                             | yes |
| Conveying on plastic strips UHMW <sup>(2)</sup>     | yes |
| Conveying on rollers                                | yes |
| Troughed conveying                                  | no  |
| Swan neck conveying                                 | yes |
| Inclined conveying                                  | no  |
| Accumulators belts                                  | no  |
| Curved conveyor                                     | no  |
| Chemical resistances <a href="#">link</a>           | 12  |

**COMPLIANCE**

REACH EC 1907/2006 Regulation and Amendments  
 EC 1935/2004 Regulation and Amendments  
 EC 2023/2006 Regulation and Amendments  
 EU 10/2011, 2017/752 Regulation and Amendments  
 HACCP (Hazard Analysis and Critical Control Points)  
 FDA (Food and Drug Administration)  
 USDA Dairy (United States Department of Agriculture)  
 NSF/ANSI 3-A 14159-3-2014 Regulation and Amendments  
 HALAL (World Halal Authority)


**SUITABLE FOR**

Food: meat and fish processing  
 Food: seafood processing  
 Food: cheese processing  
 Fruits and vegetables  
 Food: bakery  
 Food: sweet and salty snacks

**NOTES**

Issue: 13-09-2016

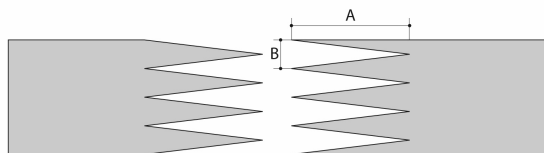
Last Update: 20-12-2018

**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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Recommended joining procedure **SINGLE Z**



A = 80 mm  
B = 10 mm

Other joining methods can be used:

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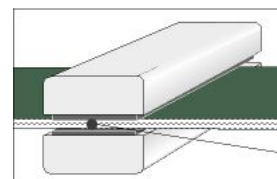
Check our general catalogue to get further info on CHIORINO joining methods.

• Pressing

Heating press **P \ PL \ PLS**

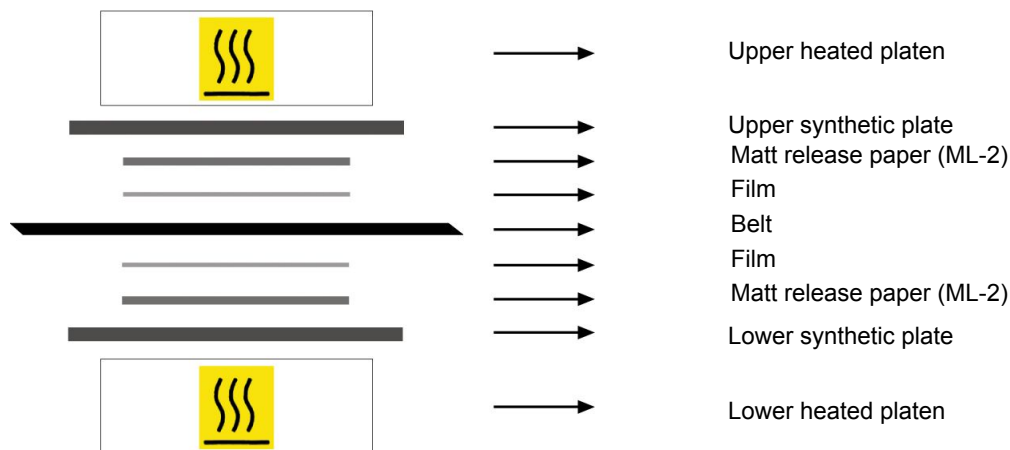
| Press settings            |                          |
|---------------------------|--------------------------|
| Upper platen temperature  | 170 °C                   |
| Lower platen temperature  | 170 °C                   |
| Temperature gauge setting | 160 °C                   |
| Curing time in press      | 2 min.                   |
| Pressure                  | 3 bar                    |
| Film                      | TC-370 - PU HP blue film |
| Cement                    | ---                      |

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.  
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side. A periodical inspection of the thermostats is recommended, to make sure they function correctly.

• Layout of components



• Notes

Insert a small matress of NA-225 SILON 25 HC between the flattening bottom plate and the 901 PLAIN Hightem paper (ML88)

Issued: 11-07-2016

Last Update: 13-03-2018

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