

## HP Compact 15 blue AM

### COMPOSITION



### PRODUCT SYSTEM

|                         |                                                         |                 |
|-------------------------|---------------------------------------------------------|-----------------|
| Description             | Compact belt with traction core treated to avoid waving |                 |
| Material                | Polyurethane (TPU) - HP® system                         |                 |
| Thickness               | 1.50 mm                                                 | 0.06 in.        |
| Weight                  | 1.60 kg/m²                                              | 0.33 lbs./sq.ft |
| Surface pattern         | Smooth                                                  |                 |
| Colour                  | HP® blue                                                |                 |
| Coefficient of friction | MF                                                      |                 |

### TECHNICAL SPECIFICATIONS

|                                                                      |               |             |
|----------------------------------------------------------------------|---------------|-------------|
| Elongation at 1%                                                     | 5 N/mm        | 29 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                                                     | 25 mm         | 1.0 in.     |
| ■ Counter-bending roller                                             | 60 mm         | 2.4 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                                  | yes |
| Swan neck conveying                                 | no  |
| Inclined conveying                                  | no  |
| Accumulators belts                                  | no  |
| Curved conveyor                                     | yes |
| 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, 2024/3190 Regulation and Amendments  
 EC 2025/351 Regulation of 21 February 2025  
 EC 528/2012 Regulation and Amendments  
 Exempt from EPA registration under the treated articles exemption in 40 CFR 152.25(a)  
 FDA (Food and Drug Administration)



### SUITABLE FOR

Food industry  
 Packaging

### NOTES

PRODUCT CODE **NA2699A**

Last Update: 11-09-2025

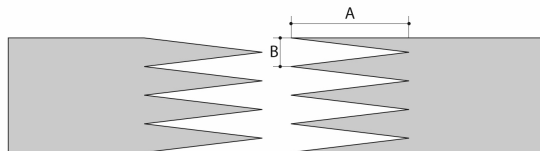
#### DISCLAIMER

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 - 80 x 10 mm



A = 80 mm  
B = 10 mm

Other joining methods can be used:

MICRO Z - 30 x 6 mm

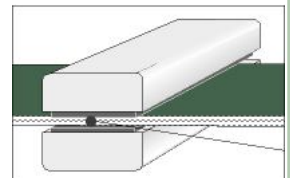
Check our general catalogue to get further info on CHIORINO joining methods.

### • Pressing

Heating press P \ PL \ PLS

| Press settings            |                            |
|---------------------------|----------------------------|
| Upper platen temperature  | 160 °C                     |
| Lower platen temperature  | 160 °C                     |
| Temperature gauge setting | 160 °C                     |
| Curing time in press      | 3 min.                     |
| Pressure                  | 2,5 bar                    |
| Film                      | TC715 - Film PU HP blue AM |
| Cement                    | ---                        |

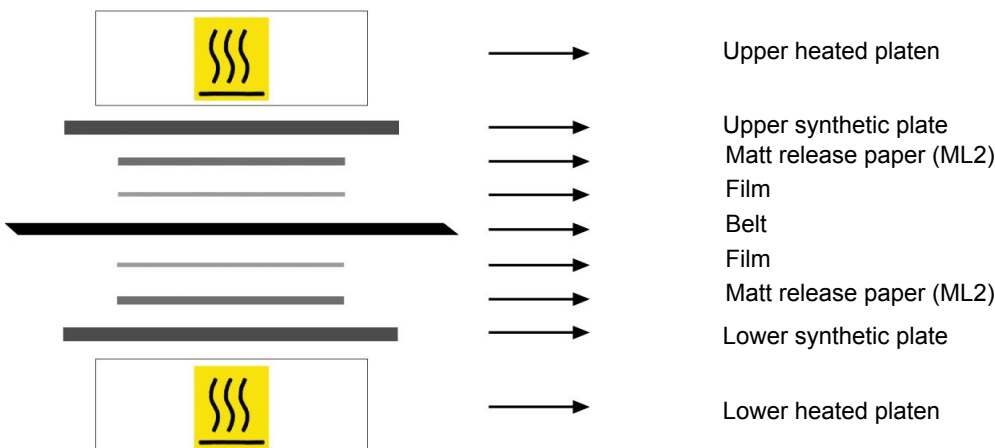
1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



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

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