## CONVEYOR AND PROCESS BELTS

**TECHNICAL DATA SHEET**

**CODE** NA-786 **TYPE** **2M5 U0-U2 HP VL blue A**

### COMPOSITION

| | | |
|---|---|---|
| **Conveying surface** | Material | Polyurethane (TPU) - HP® system |
| | Thickness | 0.20 mm *0.008 in.* |
| | Surface pattern | Velvet finish |
| | Colour | HP® blue |
| | Coefficient of friction | MF |
| **Textile carcass** | Material | Polyester (PET) - HP® system |
| | Plies no. | 2 |
| | Weft type | Rigid |
| **Driving surface** | Material | Fabric w/polyurethane (TPU) impregn.-HP® system |
| | Thickness | --- mm --- *in.* |
| | Surface pattern | Fabric |
| | Colour | Light blue |

PRODUCT SYSTEM

### TECHNICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Total thickness | 1.30 mm | *0.05* | *in.* |
| Weight | 1.40 kg/m² | *0.29* | *lbs./sq.ft* |
| Elongation at 1% | 6 N/mm | *34.0* | *lbs./in.* |
| Max. admissible pull | 12 N/mm | *69.0* | *lbs./in.* |
| Temperature resistance (1) min. | -30 °C | *-22* | *°F* |
| Temperature resistance (1) max. | 110 °C | *230* | *°F* |

(1) Use of the belt with limit values may reduce its life.

Minimum radius / diameter (2)

| | | | |
|---|---|---|---|
| ■ Knife edge minimum radius | 4 mm | *0,16* | *in.* |
| ■ Bending roller min. diameter | 8 mm | *0.31* | *in.* |
| ■ Counter-bending roller min. diameter | 16 mm | *0.63* | *in.* |

(2) 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 | 2100 mm | *83* | *in.* |

### SUITABLE FOR

Food: slicing machines
Food: seafood processing
Food: dairy
Fruits and vegetables
Food: bread
Food: biscuits and crackers: rotary cutter
Food: chocolate bars
Pharmaceutics industry
Food: pizza

### FEATURES

| | |
|---|---|
| Humidity influence | no |
| Suitable to metal detector | yes |
| 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 | no |
| Swan neck conveying | no |
| Inclined conveying | no |
| Accumulators belts | no |
| Curved conveyor | no |
| Chemical resistances (see file available on line) | 12 |

### COMPLIANCES

REACH Regulation EC 1907/2006 and amendments
Regulation EC 1935/2004 and amendments
Regulation EC 2023/2006 and amendments
Regulation EU 10/2011 and amendments
FDA (Food and Drug Administration)
USDA (United States Department of Agriculture)

### NOTES

Thanks to the outstanding resistance to abrasion, oils, fats, detergents and to the most aggressive cleaning procedures, the HP product system is specially recommended for applications that require compliance with HACCP (Hazard Analysis and Critical Control Point) and IFS (International Food Standard).

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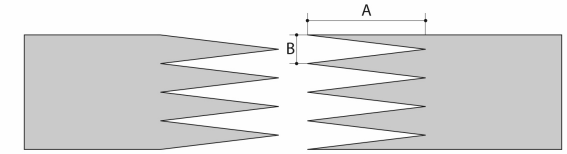
**CONVEYOR AND PROCESS BELTS**

**JOINING TECHNICAL DATA SHEET**

**CODE** NA-786 **TYPE** **2M5 U0-U2 HP VL blue A**

**Recommended joining procedure** SINGLE Z




**A = 80 mm**
**B = 10 mm**

**Other joining methods can be used:**

DIAGONAL SINGLE Z
DOUBLE Z
SKIVED JOINT '1'
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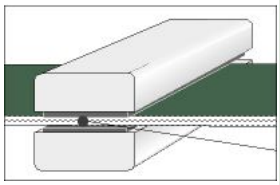
Check our general catalogue to get further info on CHIORINO joining methods.

## • Pressing

**Heating press** **P \ PL \ PLS**

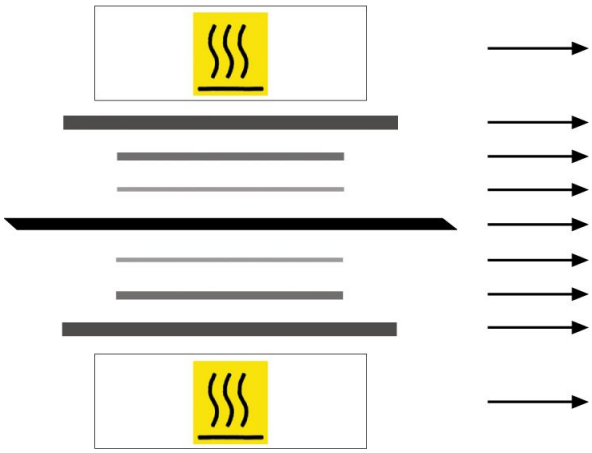
| **Press settings** | |
|---|---|
| Upper platen temperature | 160 °C |
| Lower platen temperature | 160 °C |
| Temperature gauge setting | 160 °C |
| Curing time in press | 3 min. |
| Pressure | 3 bar |
| Film | TC-370 - PU HP blue film |
| Cement | -- |

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



Upper heated platen
Upper synthetic plate
Velvet release paper (ML-3)
Film
Belt
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Non-adhesive silicone fabric (TX-67)
Lower synthetic plate
Lower heated platen

## • Notes

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