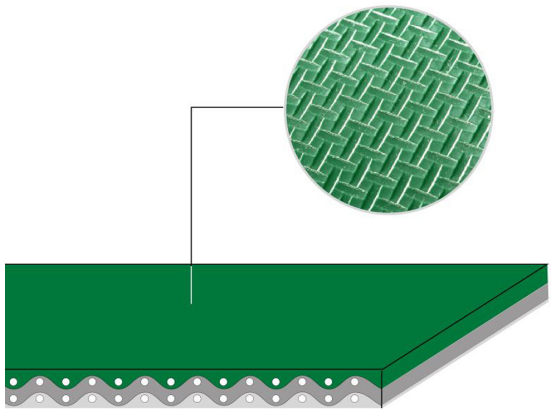
## CONVEYOR AND PROCESS BELTS

**TECHNICAL DATA SHEET**

**CODE** NA-37 **TYPE** **2M20 U0-V25 RT**

### COMPOSITION

| | | |
|---|---|---|
| Conveying surface | Material | PVC 65 Sh.A (±5) |
| | Thickness | 2.50 mm *0.098 in.* |
| | Surface pattern | RT |
| | Colour | Green |
| | Coefficient of friction | MF |
| Textile carcass | Material | Polyester (PET) |
| | Plies no. | 2 |
| | Weft type | Rigid |
| Driving surface | Material | Fabric with polyurethane (TPU) impregnation |
| | Thickness | --- mm --- *in.* |
| | Surface pattern | LdB fabric |
| | Colour | Grey |



### TECHNICAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| Total thickness | 5.00 mm | *0.20* | *in.* |
| Weight | 5.70 kg/m² | *1.16* | *lbs./sq.ft* |
| Elongation at 1% | 20 N/mm | *114.0* | *lbs./in.* |
| Max. admissible pull | 40 N/mm | *228.0* | *lbs./in.* |
| Temperature resistance [1] min. | -10 °C | *14* | *°F* |
| Temperature resistance [1] max. | 60 °C | *140* | *°F* |

[1] Use of the belt with limit values may reduce its life.

Minimum radius / diameter [2]

| | | | |
|---|---|---|---|
| Knife edge minimum radius | no | | |
| Bending roller min. diameter | 100 mm | *3.94* | *in.* |
| Counter-bending roller min. diameter | 150 mm | *5.91* | *in.* |

[2] The above mentioned values depend on the type of CHIORINO joint recommende

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 2000 mm *79 in.*

### SUITABLE FOR

Ceramic industry
Marble and granite industry
Steel blankets magnetic elevators

### FEATURES

| | |
|---|---|
| Humidity influence | no |
| Suitable to metal detector | yes |
| Permanent antistatic dynamically (UNI EN ISO 21179) | no |
| 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 | yes |
| Accumulators belts | no |
| Curved conveyor | no |
| Chemical resistances link | 3 |

### COMPLIANCES

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
FDA (Food and Drug Administration)

### NOTES

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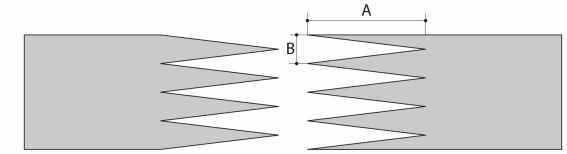
**CONVEYOR AND PROCESS BELTS** | **JOINING TECHNICAL DATA SHEET**

**CODE** NA-37 **TYPE** **2M20 U0-V25 RT**

**Recommended joining procedure** SINGLE Z




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

**Other joining methods can be used:**

STEP

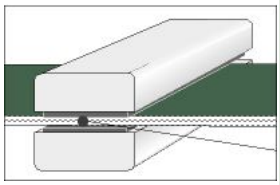
Check our general catalogue to get further info on CHIORINO joining methods.

## • Pressing

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

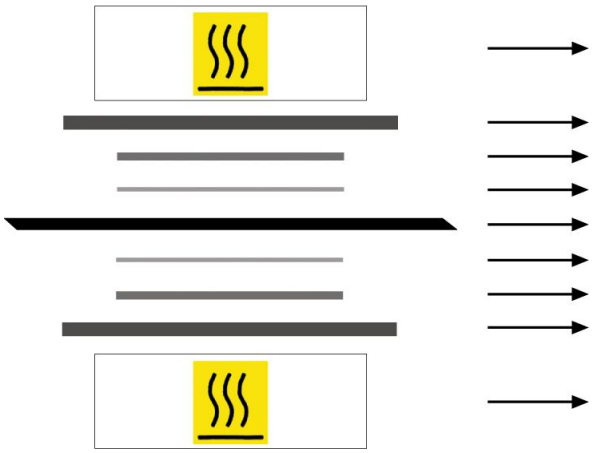
| **Press settings** | |
|---|---|
| Upper platen temperature | 175 °C |
| Lower platen temperature | 175 °C |
| Temperature gauge setting | 175 °C |
| Curing time in press | 3 min. |
| Pressure | 3 bar |
| Film | TC-29 - Green PVC film |
| Cement | --- |

1. Use the KM330 thermo-meter 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

RT silicone pad (IG-12)

Film

Belt

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Non-adhesive silicone fabric (TX-67)

Lower synthetic plate

Lower heated platen

## • Notes

After a first pressing to make the belt endless, proceed with a second pressing operation using the RT impression pad with platens temperature 150 centigrades.

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