

CONVEYOR AND PROCESS BELTS
TECHNICAL DATA SHEET
CODE NA-120
TYPE
2M8 U0-U-G15 FL
COMPOSITION

| | | | | |
|------------------------|--------------------|--------------------------------|----------|-----|
| Conveying side | material | Synthetic elastomer (NBR) | | |
| | thickness | 1,5 mm | 0,059 in | |
| | cover finish | FL | | |
| | colour | green | | |
| | coeff. of friction | MF | | |
| Textile carcass | material | Polyester (PET) | | |
| | no. of plies | 2 | | |
| | type of weft | rigid | | |
| Driving side | material | Fabric with Polyurethane (TPU) | | |
| | thickness | --- | mm | --- |
| | cover finish | fabric | | |
| | colour | black | | |

TECHNICAL SPECIFICATIONS

| | | | |
|---------------------------------------|------|-----------------------|-----------------|
| Total thickness | | 3,0 mm | 0,12 in. |
| Weight | | 3,4 kg/m ² | 0,69 lbs./sq.ft |
| Elongation at 1% | | 8 N/mm | 45,7 lbs./in. |
| Max. admitt. load | | 16 N/mm | 91 lbs./in. |
| Temperature resistance ⁽¹⁾ | min. | -20 °C | -4 °F |
| | max. | +100 °C | 212 °F |

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

Minimum pulley diameter ⁽²⁾

| | | | |
|--------------------------|-------|----------|--|
| ■ knife edge | no | | |
| ■ bending pulley | 50 mm | 1,97 in. | |
| ■ counter-bending pulley | 70 mm | 2,76 in. | |

⁽²⁾ the above mentioned values depend on the type of CHIORINO joint recommended

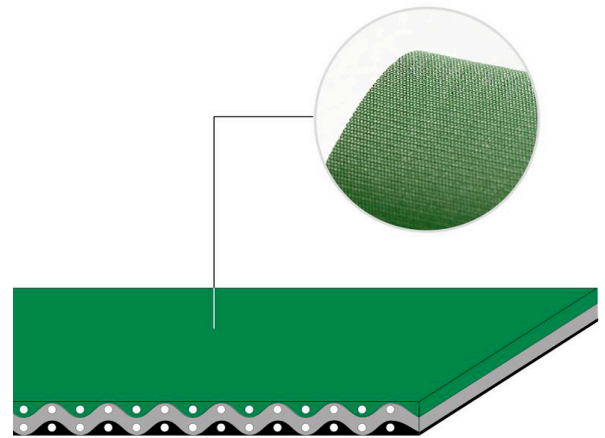
Coefficient of friction of driving surface

| | |
|--------------------------|----------|
| ■ 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. |
|-----------------------|---------|--------|

JOINTING METHODS

See jointing data sheet

NOTES

FEATURES

| | |
|--|-----|
| FDA conformity | no |
| USDA conformity | no |
| HACCP conformity (CEE 72/2002) | no |
| Flame Retardant (EN20340-ISO340) | no |
| Humidity influence | yes |
| Suitable to metal detector | no |
| Permanent antistatic dynamically (UNI EN 1718) | yes |
| Static conductivity (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 | yes |
| Inclined conveying | yes |
| Accumulators belts | no |
| Curved conveyor | no |
| Chemical resistances (see chart of chemical resistances) | 6 |

SUITABLE FOR

Packaging and confectionary
 Paper industry
 Carton folding industry
 Publishing
 Wood industry
 Punching and cutting
 Airports
 Mechanical industry

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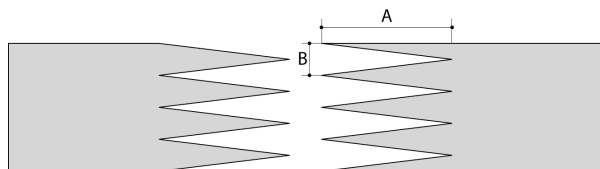
Date last modified: 29-05-2007

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.

CODE **NA-120** TYPE **2M8 U0-U-G15 FL**

Recommended jointing procedure **SINGLE Z**



| | |
|---|------|
| A | 80mm |
| B | 10mm |

Other jointing methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z
- SKIVED JOINT '2'

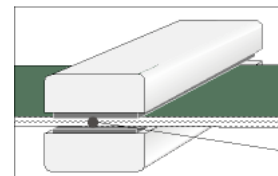
Check our general catalogue to get further info on CHIORINO jointing methods.

• Pressing

Heating press **P \ PL \ PLS**

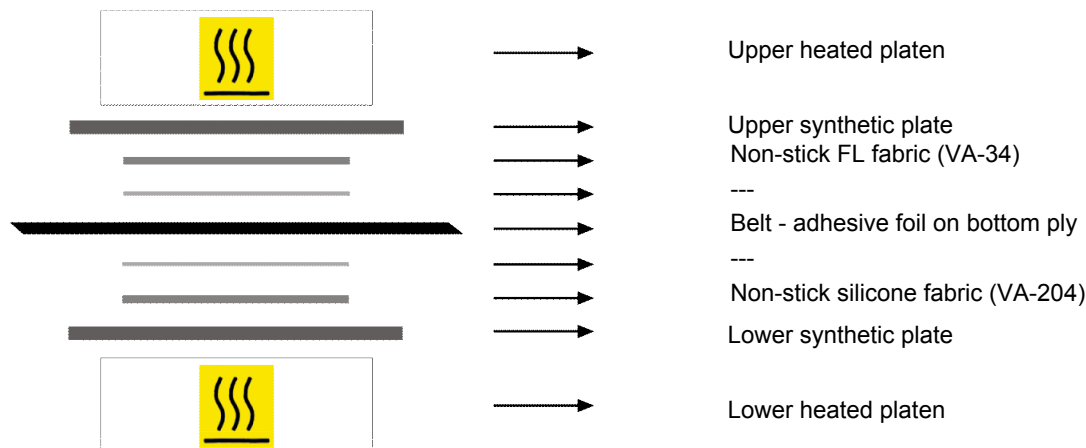
| Press settings | |
|---------------------------|--------|
| Upper platen temperature | 180 °C |
| Lower platen temperature | 110 °C |
| Temperature gauge setting | 145 °C |
| Curing time in press | 2 min. |
| Pressure | 2 bar |
| Film | none |
| Cement | -- |

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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