## Solicord V-belt TPU 85A Blue RO FG LE 22x14



Article code: SCVB000145

**General information** 

| Product group       | SoliCord  |
|---------------------|-----------|
|                     |           |
| Construction        |           |
| Material            | TPU       |
| (Top)surface finish | Roughened |
| Color               | blue      |
| Shape               | vee       |
| Execution           | solid     |

| Characteristics |     |                              |
|-----------------|-----|------------------------------|
| Food Grade (FG) | yes | all foodstuff; all foodstuff |
| Antistatic (AS) | no  |                              |
| ATEX approval   | no  |                              |

| Technical data          |               |           |          |                     |             |       |
|-------------------------|---------------|-----------|----------|---------------------|-------------|-------|
| Hardness                | ISO 868       |           | 88A      | Shore               |             |       |
| Recommended pre-tension |               |           | 4-6      | %                   |             |       |
| Working tension         |               |           | 22       | daN/cm <sup>2</sup> |             |       |
| Cross section           |               |           | 2.4      | cm <sup>2</sup>     |             |       |
| Weight                  |               |           | 0.29     | kg/m                | 0.06        | lb/ft |
| Operating temperature   | continuous    | from / to | -30 / 80 | °C                  | -22 / 176 9 | °F    |
| Minimum pulley diameter |               |           | 160      | mm                  | 6.3 i       | in.   |
| Coefficient of friction | against steel | dynamic   | 0,45     |                     |             |       |
|                         | against PE    |           | 0,3      |                     |             |       |
|                         | against HDPE  |           | 0,25     |                     |             |       |
| Manufacturing length    | maximum       |           | 50000    | mm                  | 1968.5 i    | in.   |

| Fabrication              |  |
|--------------------------|--|
| Recommended splice types | Butt weld  |
| Splice equipment         | Only use equipment supplied or approved by Ammeraal Beltech.   |
| Splicing on site         | Always first make a test splice to confirm the right settings and proper pre-heating of the equipment. |

## **Additional information**

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Keep the belt tension to a practical working minimum for maximum belt and machine life.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt.

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