## **Solicord Round belt TPU 85A E.Green SM AS 50**



Article code: SCRB000049

**General information** 

| Product group       | SoliCord |
|---------------------|----------|
|                     |          |
| Construction        |          |
| Material            | TPU      |
| (Top)surface finish | smooth   |
| Color               | green    |
| Shape               | Round    |
| Execution           | solid    |
|                     |          |

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

| Technical data          |               |           |          |                 |           |       |
|-------------------------|---------------|-----------|----------|-----------------|-----------|-------|
| Hardness                | ISO 868       |           | 88A      | Shore           |           |       |
| Recommended pre-tension |               |           | 7        | %               |           |       |
| Working tension         |               |           | 18       | daN/cm²         |           |       |
| Diameter                |               |           | 5        | mm              | 0.2       | in.   |
| Cross section           |               |           | 0.197    | cm <sup>2</sup> |           |       |
| Weight                  |               |           | 0.024    | kg/m            | 0         | lb/ft |
| Operating temperature   | continuous    | from / to | -30 / 80 | °C              | -22 / 176 | ٥F    |
| Minimum pulley diameter |               |           | 45       | mm              | 1.77      | in.   |
| Coefficient of friction | against steel | dynamic   | 0,6      |                 |           |       |
|                         | against PE    |           | 0,3      |                 |           |       |
|                         | against HDPE  |           | 0,25     |                 |           |       |
| Manufacturing length    | maximum       |           | 100000   | mm              | 3937.01   | 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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