

# Solicord Round belt TPU 80A Orange SM FG 50

Article code: SCRB000227

## General information

|               |          |
|---------------|----------|
| Product group | SoliCord |
|---------------|----------|

## Construction

|                     |        |
|---------------------|--------|
| Material            | TPU    |
| (Top)surface finish | smooth |
| Color               | orange |
| Shape               | round  |
| Execution           | solid  |

## Characteristics

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

## Technical data

|                         |               |           |                        |              |
|-------------------------|---------------|-----------|------------------------|--------------|
| Hardness                | ISO 868       |           | 84A Shore              |              |
| Recommended pre-tension |               |           | 7 %                    |              |
| Working tension         |               |           | 15 daN/cm <sup>2</sup> |              |
| 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 °F |
| Minimum pulley diameter |               |           | 45 mm                  | 1.77 in.     |
| Coefficient of friction | against steel | dynamic   | 0,65                   |              |
|                         | against PE    |           | 0,35                   |              |
|                         | against HDPE  |           | 0,3                    |              |
| Manufacturing length    | maximum       |           | 30000 mm               | 1181.1 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.