

# Solicord Round belt TPE 55D Beige SM FG 40

Article code: SCRB000078

## General information

|                      |          |
|----------------------|----------|
| <b>Product group</b> | SoliCord |
|----------------------|----------|

## Construction

|                            |        |
|----------------------------|--------|
| <b>Material</b>            | TPE    |
| <b>(Top)surface finish</b> | smooth |
| <b>Color</b>               | beige  |
| <b>Shape</b>               | Round  |
| <b>Execution</b>           | solid  |

## Characteristics

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

## Technical data

|                                |               |           |                        |              |
|--------------------------------|---------------|-----------|------------------------|--------------|
| <b>Hardness</b>                | ISO 868       |           | 55D Shore              |              |
| <b>Recommended pre-tension</b> |               |           | 3 %                    |              |
| <b>Working tension</b>         |               |           | 50 daN/cm <sup>2</sup> |              |
| <b>Diameter</b>                |               |           | 4 mm                   | 0.16 in.     |
| <b>Cross section</b>           |               |           | 0.126 cm <sup>2</sup>  |              |
| <b>Weight</b>                  |               |           | 0.016 kg/m             | 0 lb/ft      |
| <b>Operating temperature</b>   | continuous    | from / to | -30 / 100 °C           | -22 / 212 °F |
| <b>Minimum pulley diameter</b> |               |           | 50 mm                  | 1.97 in.     |
| <b>Coefficient of friction</b> | against steel | dynamic   | 0,35                   |              |
|                                | against PE    |           | 0,1                    |              |
|                                | against HDPE  |           | 0,1                    |              |
| <b>Manufacturing length</b>    | maximum       |           | 200000 mm              | 7874.02 in.  |

## Fabrication

|                                 |  |
|---------------------------------|--|
| <b>Recommended splice types</b> | Butt weld  |
| <b>Splice equipment</b>         | Only use equipment supplied or approved by Ammeraal Beltech.   |
| <b>Splicing on site</b>         | 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.