

Solicord Round belt TPE 55D Beige SM FG 50

Article code: SCRB000079

General information

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

Construction

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

Characteristics

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

Technical data

| | | | | |
|--------------------------------|---------------|-----------|------------------------|--------------|
| Hardness | ISO 868 | | 55D Shore | |
| Recommended pre-tension | | | 3 % | |
| Working tension | | | 50 daN/cm ² | |
| Diameter | | | 5 mm | 0.2 in. |
| Cross section | | | 0.197 cm ² | |
| Weight | | | 0.024 kg/m | 0 lb/ft |
| Operating temperature | continuous | from / to | -30 / 100 °C | -22 / 212 °F |
| Minimum pulley diameter | | | 60 mm | 2.36 in. |
| Coefficient of friction | against steel | dynamic | 0,35 | |
| | against PE | | 0,1 | |
| | against HDPE | | 0,1 | |
| 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.