

Solicord Round belt TPU 85A Green RO 100

Article code: SCRB000042

General information

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

Construction

| | |
|----------------------------|-----------|
| Material | TPU |
| (Top)surface finish | Roughened |
| Color | green |
| Shape | Round |
| Execution | solid |

Characteristics

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

Technical data

| | | | | |
|--------------------------------|---------------|-----------|------------------------|--------------|
| Hardness | ISO 868 | | 88A Shore | |
| Recommended pre-tension | | | 7 % | |
| Working tension | | | 18 daN/cm ² | |
| Diameter | | | 10 mm | 0.39 in. |
| Cross section | | | 0.785 cm ² | |
| Weight | | | 0.094 kg/m | 0.02 lb/ft |
| Operating temperature | continuous | from / to | -30 / 80 °C | -22 / 176 °F |
| Minimum pulley diameter | | | 95 mm | 3.74 in. |
| Coefficient of friction | against steel | dynamic | 0,45 | |
| | against PE | | 0,25 | |
| | against HDPE | | 0,25 | |
| Manufacturing length | maximum | | 50000 mm | 1968.5 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.