Technical datasheet

Solicord Round belt TPU 85A Sapphire Blue SM FG 80



Article code: SCRB000060

| General information | | | | | | | | |
|-------------------------|---------------|----------------|-----------------|----------|---------|-----------|-------|--|
| Product group | SoliCord | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |
| Material | TPU | | | | | | | |
| (Top)surface finish | smooth | smooth | | | | | | |
| Color | Sapphire blue | Sapphire blue | | | | | | |
| Shape | Round | Round | | | | | | |
| Execution | solid | solid | | | | | | |
| | | | | | | | | |
| Characteristics | | | | | | | | |
| Food Grade (FG) | yes | all foodstuff; | ; all foodstuff | | | | | |
| Antistatic (AS) | no | | | | | | | |
| ATEX approval | no | | | | | | | |
| | | | | | | | | |
| Technical data | | | | | | | | |
| Hardness | ISO 868 | | | 88A | Shore | | | |
| Recommended pre-tension | | | | 7 | % | | | |
| Working tension | | | | 18 | daN/cm² | | | |
| Diameter | | | | 8 | mm | 0.31 | in. | |
| Cross section | | | | 0.5 | cm² | | | |
| Weight | | | | 0.06 | kg/m | 0.01 | lb/ft | |
| Operating temperature | continuous | | from / to | -30 / 80 | °C | -22 / 176 | °F | |

dynamic

75 mm

0,6

0,3

0,25 100000 mm

Always first make a test splice to confirm the right settings and proper pre-heating of the equipment.

Additional information

Recommended splice types

Minimum pulley diameter

Coefficient of friction

Manufacturing length

Splice equipment

Splicing on site

Fabrication

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.

Only use equipment supplied or approved by Ammeraal Beltech.

Always protect belts from sunlight/UV-radiation, avoid temperatures below 10°C and above 40°C, dust and dirt.

against steel

against PE against HDPE

maximum

Butt weld

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2.95 in.

3937.01 in.