Technical datasheet

Solicord Round belt TPU 80A Orange SM FG 100



Article code: SCRB000233

| General information | | | | | | | |
|--------------------------------------|--|----------------------------------|-----------|----------|---------|-----------|-------|
| Product group | SoliCord | | | | | | |
| | | | | | | | |
| Construction | | | | | | | |
| Material | TPU | | | | | | |
| (Top)surface finish | smooth | | | | | | |
| Color | orange | | | | | | |
| Shape | round | | | | | | |
| Execution | solid | | | | | | |
| | | | | | | | |
| Characteristics | | | | | | | |
| Food Grade (FG) | yes | 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/cm² | | |
| Diameter | | | | 10 | mm | 0.39 | in. |
| Cross section | | | | 0.785 | cm² | | |
| 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 | 0,65 | | | |
| | against PE | | | 0,35 | | | |
| | against HDPE | | | 0,3 | | | |
| Manufacturing length | maximum | | | 30000 | mm | 1181.1 | in. |
| Enhviortion | | | | | | | |
| Fabrication | D. H | | | | | | |
| Recommended splice types | Butt weld | | | | | | |
| Splice equipment Splicing on site | Only use equipment supplied or approved by Ammeraal Beltech. Always first make a test splice to confirm the right settings and proper pre-heating of the equipment. | | | | | | |
| spicing on site | Aways make a test splice to commit the right settings and proper pre-neating 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.

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