Technical datasheet

Solicord V-belt TPU 80A Transparent SM FG 22X14



Article code: SCVB000122

| General information | | | | | | | | |
|--------------------------|----------------|--|-----------------|----------|---------------------|-----------|-------|--|
| Product group | SoliCord | | | | | | | |
| | | | | | | | | |
| Construction | | | | | | | | |
| Material | TPU | | | | | | | |
| (Top)surface finish | smooth | | | | | | | |
| Color | transparent | | | | | | | |
| Shape | vee | | | | | | | |
| Execution | solid | | | | | | | |
| | | | | | | | | |
| Characteristics | | | | | | | | |
| Food Grade (FG) | 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/cm ² | | | |
| Cross section | | | | 2.4 | cm² | | | |
| Weight | | | | 0.29 | kg/m | 0.06 | lb/ft | |
| Operating temperature | continuous | | from / to | -30 / 80 | °C | -22 / 176 | °F | |
| Minimum pulley diameter | | | | 150 | mm | 5.91 | in. | |
| Coefficient of friction | against steel | | dynamic | 0,65 | | | | |
| | against PE | | | 0,35 | | | | |
| | against HDPE | | | 0,3 | | | | |
| Manufacturing length | maximum | | | 50000 | mm | 1968.5 | in. | |
| Fabrication | | | | | | | | |
| | Butt weld | | | | | | | |
| Recommended splice types | | Only use equipment supplied or approved by Ammeraal Beltech. | | | | | | |
| Splice equipment | Only use equip | Only use equipment supplied or approved by Ammeraal Beltech. | | | | | | |

Additional information

Splicing on site

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

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

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