Technical datasheet

Solicord Round belt TPU 75A Red SM 48



Article code: SCRB000003

| General information | | | | | | |
|--------------------------|--|-----------------------------|-----------------|----------------|-------------------|-------|
| Product group | SoliCord | | | | | |
| | | | | | | |
| Construction | | | | | | |
| Material | TPU | | | | | |
| (Top)surface finish | smooth | | | | | |
| Color | red | | | | | |
| Shape | Round | | | | | |
| Execution | solid | | | | | |
| | | | | | | |
| Characteristics | | | | | | |
| Food Grade (FG) | no | | | | | |
| Antistatic (AS) | no | | | | | |
| ATEX approval | no | | | | | |
| | | | | | | |
| Technical data | | | | | | |
| Hardness | ISO 868 | | 80A S | Shore | | |
| Recommended pre-tension | | | 7 9 | % | | |
| Working tension | | | 13 0 | daN/cm² | | |
| Diameter | | | 4.8 r | mm | 0.19 | in. |
| Cross section | | | 0.181 0 | cm² | | |
| Weight | | | 0.022 | kg/m | 0 | lb/ft |
| Operating temperature | continuous | from / to | -30 / 80 9 | °C | -22 / 176 | °F |
| Minimum pulley diameter | | | 35 r | mm | 1.38 | in. |
| Coefficient of friction | against steel | dynamic | 0,7 | | | |
| | against PE | | 0,4 | | | |
| | against HDPE | | 0,35 | | | |
| Manufacturing length | maximum | | 200000 r | mm | 7874.02 | 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 pr | oper pre-heati | ng of the equipme | ent. |

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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