

# Solicord Round TPU 85A Sapph Blue SM FG poly. 125

Article code: SCRB000293

## General information

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

## Construction

|                     |               |
|---------------------|---------------|
| Material            | TPU           |
| (Top)surface finish | smooth        |
| Color               | Sapphire blue |
| Shape               | round         |
| Execution           | reinforced    |

## 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 |               |           | 0.5-2 %                |              |  |
| Working tension         |               |           | 17 daN/cm <sup>2</sup> |              |  |
| Diameter                |               |           | 12.5 mm                | 0.49 in.     |  |
| Cross section           |               |           | 1.23 cm <sup>2</sup>   |              |  |
| Weight                  |               |           | 0.124 kg/m             | 0.03 lb/ft   |  |
| Operating temperature   | continuous    | from / to | -30 / 80 °C            | -22 / 176 °F |  |
| Minimum pulley diameter |               |           | 125 mm                 | 4.92 in.     |  |
| Coefficient of friction | against steel | dynamic   | 0,45                   |              |  |
|                         | against PE    |           | 0,3                    |              |  |
|                         | against HDPE  |           | 0,25                   |              |  |
| Manufacturing length    | maximum       |           | 50000 mm               | 1968.5 in.   |  |

## Fabrication

|                          |                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------|
| Recommended splice types | overlap                                                                                                |
| 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.