

# Soliflex PRO mini TPU/30 M1T R18B I. blue Duplex

Article code: SFPU001082

## General information

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| <b>Product group</b>        | Soliflex                                                      |
| <b>Main product feature</b> | Positive drive, Chemical resistant, Non-stick, Wear resistant |

## Belt construction

|                    |                             |
|--------------------|-----------------------------|
| <b>Material</b>    | TPU                         |
| <b>Top side</b>    | smooth, M1 Fine matt finish |
| <b>Bottom side</b> | profile, R18                |
| <b>Color</b>       | Light blue                  |

## Characteristics

|                        |     |                                     |
|------------------------|-----|-------------------------------------|
| <b>Food Grade (FG)</b> | yes | EU 1935/2004, EU 10/2011; FDA; USDA |
|------------------------|-----|-------------------------------------|

## Technical data

|                                |             |           |                       |                          |
|--------------------------------|-------------|-----------|-----------------------|--------------------------|
| <b>Pitch</b>                   |             |           | 25.5 mm               | 1 in.                    |
| <b>Hardness</b>                | ISO 868     |           | 53D Shore             |                          |
| <b>Force at 1% elongation</b>  | ISO 21181   |           | 3 N/mm                | 17.13 lbs/in.            |
| <b>Belt thickness</b>          |             |           | 3 mm                  | 0.12 in.                 |
| <b>Weight</b>                  |             |           | 3.6 kg/m <sup>2</sup> | 0.74 lbs/ft <sup>2</sup> |
| <b>Operating temperature</b>   | continuous  | from / to | -5 / 70 °C            | 23 / 158 °F              |
| <b>Minimum pulley diameter</b> | flexing     |           | 95.9 mm               | 3.78 in.                 |
|                                | backflexing |           | 112.2 mm              | 4.42 in.                 |
| <b>Manufacturing width</b>     | maximum     |           | 1219.2 mm             | 48 in.                   |

## Fabrication

|                                  |           |
|----------------------------------|-----------|
| <b>Recommended splice method</b> | Butt weld |
|----------------------------------|-----------|

## 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.

Store loose and wrapped in plastic. The allowable product temperature may vary.

