

# Soliflex FB RS TPU/30 L. blue FG

Article code: SFPU000803

## General information

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

## Belt construction

|                      |                    |
|----------------------|--------------------|
| <b>Material</b>      | TPU-E              |
| <b>Reinforcement</b> | Sealed Aramid Cord |
| <b>Top side</b>      | smooth             |
| <b>Bottom side</b>   | matt               |
| <b>Color</b>         | Light blue         |

## Characteristics

|                        |     |                                   |
|------------------------|-----|-----------------------------------|
| <b>Food Grade (FG)</b> | yes | EU 1935/2004, EU 10/2011; FDA; No |
|------------------------|-----|-----------------------------------|

## Technical data

|                                |             |           |                       |                          |
|--------------------------------|-------------|-----------|-----------------------|--------------------------|
| <b>Pitch</b>                   |             |           | 50 mm                 | 1.97 in.                 |
| <b>Hardness</b>                | ISO 868     |           | 95A Shore             |                          |
| <b>Force at 1% elongation</b>  | ISO 21181   |           | 3.3 N/mm              | 18.84 lbs/in.            |
| <b>Belt thickness</b>          |             |           | 3.3 mm                | 0.13 in.                 |
| <b>Weight</b>                  |             |           | 5.2 kg/m <sup>2</sup> | 1.07 lbs/ft <sup>2</sup> |
| <b>Operating temperature</b>   | continuous  | from / to | -10 / 70 °C           | 14 / 158 °F              |
| <b>Minimum pulley diameter</b> | flexing     |           | 93.8 mm               | 3.69 in.                 |
|                                | backflexing |           | 150 mm                | 5.91 in.                 |
| <b>Manufacturing width</b>     | maximum     |           | 1220 mm               | 48.03 in.                |
|                                | standard    |           | 1220 mm               | 48.03 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.

