

# Nonex EE /1 0+A18 light blue AS FG AM

Article code: SBNO585065

## General information

|                             |                                                     |
|-----------------------------|-----------------------------------------------------|
| <b>Product group</b>        | Synthetic Belts                                     |
| <b>Industry segment</b>     | Food: Confectionary & candy, Bakery                 |
| <b>Main product feature</b> | Elastic, Foodgrade, Self-alignment, Conical rounder |
| <b>Indication of use</b>    | Slider bed, Rollers, Flat                           |

## Belt construction

|                        |                 |                                  |
|------------------------|-----------------|----------------------------------|
| <b>Tension layer</b>   |                 | polyester, stable                |
| <b>Number of plies</b> |                 | 1                                |
| <b>Top side</b>        | <b>material</b> | Nonex, PVC                       |
|                        | <b>finish</b>   | profile, A18 Fine square profile |
|                        | <b>color</b>    | Light blue                       |
| <b>Bottom side</b>     | <b>material</b> | fabric,                          |
|                        | <b>finish</b>   | bare fabric                      |

## Characteristics

|                             |     |                               |
|-----------------------------|-----|-------------------------------|
| <b>Food Grade (FG)</b>      | yes | EC 1935/2004, EU 10/2011; FDA |
| <b>Antistatic (AS)</b>      | yes | ISO 21178                     |
| <b>High conductive (HC)</b> | no  |                               |
| <b>ATEX approval</b>        | no  |                               |

## Technical data

|                                |                  |           |                       |                          |
|--------------------------------|------------------|-----------|-----------------------|--------------------------|
| <b>Hardness</b>                | ISO 868          | top side  | 66A Shore             |                          |
| <b>Thickness</b>               | AB method KV.002 | total     | 2 mm                  | 0.08 in.                 |
|                                |                  | top cover | 0.9 mm                | 0.04 in.                 |
| <b>Weight</b>                  | AB method KV.004 |           | 1.6 kg/m <sup>2</sup> | 0.33 lbs/ft <sup>2</sup> |
| <b>Operating temperature</b>   | continuous       | from / to | 5 / 80 °C             | 41 / 176 °F              |
|                                | short            | from / to | 5 / 100 °C            | 41 / 212 °F              |
| <b>Minimum pulley diameter</b> | flexing          |           | 40 mm                 | 1.57 in.                 |
|                                | backflexing      |           | 50 mm                 | 1.97 in.                 |
| <b>Manufacturing width</b>     | standard         |           | 2080 mm               | 81.89 in.                |
|                                | maximum          |           | 2080 mm               | 81.89 in.                |

## Definition of typical applications

Applications that require correction of mistracking due to pushing, pulling, or other processes performed on the belt.

The Self Tracking Belt does not prevent mistracking: it corrects mistracking. Self Tracking Belts should not be used to solve construction failures.

## 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.

Minimum required tension of 3% of the belt length is generally sufficient.

For more information about the design of a belt conveyor, see the Technical Information Sheet for Self Tracking Belts.