

# UU N16 RSQ FG

Article code: FB0054540

## General information

|                             |   |
|-----------------------------|---|
| <b>Product group</b>        | High performance flat belts                           |
| <b>Product sub type</b>     | QuickSplice   |
| <b>Industry segment</b>     | Food, Logistics; Paper & print                        |
| <b>Main product feature</b> | Elastic, Foodgrade                                    |
| <b>Application</b>          | Paper processing, Printing & finishing, Mail handling |
| <b>Indication of use</b>    | Bi-directional  |

## Belt construction

|                             |                 |              |
|-----------------------------|-----------------|--------------|
| <b>Tension member</b>       |                 | Polyurethane |
| <b>Top side</b>             | <b>material</b> | Polyurethane |
|                             | <b>finish</b>   | smooth       |
|                             | <b>color</b>    | Royal blue   |
| <b>Bottom / Pulley side</b> | <b>material</b> | Polyurethane |
|                             | <b>finish</b>   | Rough        |
|                             | <b>color</b>    | black        |

## Characteristics

|                             |     |                               |
|-----------------------------|-----|-------------------------------|
| <b>Food Grade (FG)</b>      | yes | EC 1935/2004, EU 10/2011; FDA |
| <b>Antistatic (AS)</b>      | yes | ISO 284                       |
| <b>High conductive (HC)</b> | yes | ISO 284 (bottom side only)    |
| <b>ATEX approval</b>        | no  |                               |

## Technical data

|   |               |                      |                       |                          |
|---|---------------|----------------------|-----------------------|--------------------------|
| <b>Belt thickness</b>                   | ISO 2286-3    |                      | 1.1 mm                | 0.04 in.                 |
|   | tolerance +/- |                      | 0.1 mm                | 0 in.                    |
| <b>Weight</b>                           | ISO 290703-1  |                      | 1.3 kg/m <sup>2</sup> | 0.27 lbs/ft <sup>2</sup> |
| <b>Force at 6% elongation</b>           | ISO 21181     | dynamic              | 1.6 N/mm              | 9.14 lbs/in.             |
|   | ISO 527       | static               | 2 N/mm                | 11.42 lbs/in.            |
| <b>Recommended elongation</b>           |               | min. / max.          | 0.5 / 6 %             |                          |
| <b>Coefficient of friction, dynamic</b> | ISO 21182     | bottom side to steel | 0,2 μ                 |                          |
|   |               | top side to steel    | 0,2 μ                 |                          |
| <b>Minimum pulley diameter</b>          | flexing       |                      | 20 mm                 | 0.79 in.                 |
|   | back flexing  |                      | 20 mm                 | 0.79 in.                 |
| <b>Operating temperature</b>            | continuous    | from / to            | -10 / 60 °C           | 14 / 140 °F              |
| <b>Belt width</b>                       | standard      |                      | 1200 mm               | 47.24 in.                |

## Fabrication

|                                  |                |
|----------------------------------|----------------|
| <b>Recommended splice method</b> | QuickSplice30  |
| <b>Alternative splice method</b> | OverLapSplice3 |

## 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.

Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning.

Consult our specialists for calculations with our E-RappCalc© technical calculation program.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.