

# UU E15.16 RFQ

Article code: FBUE054568

## General information

|                             |                             |
|-----------------------------|-----------------------------|
| <b>Product group</b>        | High performance flat belts |
| <b>Product sub type</b>     | QuickSplice                 |
| <b>Industry segment</b>     | Logistics                   |
| <b>Main product feature</b> | Low friction surface        |
| <b>Application</b>          | Roller drives               |
| <b>Indication of use</b>    | Bi-directional              |

## Belt construction

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| <b>Tension member</b>       |                 | Polyester fabric |
| <b>Top side</b>             | <b>material</b> | Polyurethane     |
|                             | <b>finish</b>   | Fine             |
|                             | <b>color</b>    | black            |
| <b>Bottom / Pulley side</b> | <b>material</b> | Polyurethane     |
|                             | <b>finish</b>   | Rough            |
|                             | <b>color</b>    | black            |

## Characteristics

|                             |     |  |
|-----------------------------|-----|--|
| <b>Food Grade (FG)</b>      | no  |  |
| <b>Antistatic (AS)</b>      | yes |  |
| <b>High conductive (HC)</b> | no  |  |

## Technical data

|   |              |                      |                       |                          |
|---|--------------|----------------------|-----------------------|--------------------------|
| <b>Belt thickness</b>                   | ISO 2286-3   |                      | 1.6 mm                | 0.06 in.                 |
| <b>Weight</b>                           | ISO 290703-1 |                      | 1.8 kg/m <sup>2</sup> | 0.37 lbs/ft <sup>2</sup> |
| <b>Force at 1% elongation</b>           | ISO 21181    | dynamic              | 15 N/mm               | 85.65 lbs/in.            |
| <b>Recommended elongation</b>           |              | min. / max.          | 0.5 / 1.5 %           |                          |
| <b>Coefficient of friction, dynamic</b> | ISO 21182    | bottom side to steel | 0,2                   |                          |
|   |              | top side to steel    | 0,2                   |                          |
| <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            | 0 / 60 °C             | 32 / 140 °F              |
| <b>Belt width</b>                       | standard     |                      | 1200 mm               | 47.24 in.                |

## Fabrication

|                                  |                |
|----------------------------------|----------------|
| <b>Recommended splice method</b> | QuickSplice110 |
| <b>Alternative splice method</b> | QuickSplice50  |

## Fabrication

|                |
|----------------|
| QuickSplice110 |
| QuickSplice50  |

## 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.

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