**Technical datasheet** 

## **UU E15.20 RFQ FG**

Article code: FBUU054561



| General information  |                                 |
|----------------------|---------------------------------|
| Product group        | High performance flat belts     |
| Product sub type     | QuickSplice                     |
| Industry segment     | Logistics                       |
| Main product feature | Low friction surface, Foodgrade |
| Application          | Roller drives                   |
| Indication of use    | Bi-directional                  |

| Belt construction    |          |                  |
|----------------------|----------|------------------|
| Tension member       |          | Polyester fabric |
| Top side             | material | Polyurethane     |
|                      | finish   | Fine             |
|                      | color    | Royal blue       |
| Bottom / Pulley side | material | Polyurethane     |
|                      | finish   | Rough            |
|                      | color    | Royal blue       |

| Characteristics      |     |                               |  |  |  |  |
|----------------------|-----|-------------------------------|--|--|--|--|
| Food Grade (FG)      | yes | EC 1935/2004, EU 10/2011; FDA |  |  |  |  |
| Antistatic (AS)      | yes | ISO 284                       |  |  |  |  |
| High conductive (HC) | no  |                               |  |  |  |  |
|                      | no  |                               |  |  |  |  |

| Technical data                   |              |                      |           |       |          |         |
|----------------------------------|--------------|----------------------|-----------|-------|----------|---------|
| Belt thickness                   | ISO 2286-3   |                      | 2         | mm    | 0.08     | in.     |
|                                  | tolerance    | ±                    | 0.2       | mm    | 0.01     | in.     |
| Weight                           | ISO 290703-1 |                      | 2.2       | kg/m² | 0.45     | lbs/ft² |
| Force at 1% elongation           | ISO 21181    | dynamic              | 15        | N/mm  | 85.65    | lbs/in. |
| Recommended elongation           |              | from / to            | 0.5 / 1.5 | %     |          |         |
| Coefficient of friction, dynamic | ISO 21182    | bottom side to steel | 0,2       | μ     |          |         |
|                                  |              | top side to steel    | 0,2       | μ     |          |         |
| Minimum pulley diameter          | flexing      |                      | 25        | mm    | 0.98     | in.     |
|                                  | back flexing |                      | 25        | mm    | 0.98     | in.     |
| Operating temperature            |              | from / to            | 0 / 60    | °C    | 32 / 140 | °F      |
| Belt width                       | standard     |                      | 1200      | mm    | 47.24    | in.     |

## Fabrication QuickSplice110 Recommended splice method 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.

\* NOTE: 50 mm fingers only possible, if not used in tangential and rollerdrive application.

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

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