

# UV N12 FQ

Article code: FBUV054557

## General information

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| <b>Product group</b>        | High performance flat belts                           |
| <b>Product sub type</b>     | QuickSplice                                           |
| <b>Industry segment</b>     | Paper & print; Postal automation                      |
| <b>Main product feature</b> | Elastic                                               |
| <b>Application</b>          | Paper processing, Printing & finishing, Mail handling |
| <b>Indication of use</b>    | Bi-directional, Gentle cover for delicate papers      |

## Belt construction

|                             |                 |                |
|-----------------------------|-----------------|----------------|
| <b>Tension member</b>       |                 | Polyurethane   |
| <b>Top side</b>             | <b>material</b> | Fleece         |
|                             | <b>finish</b>   | Ground quality |
|                             | <b>color</b>    | grey           |
| <b>Bottom / Pulley side</b> | <b>material</b> | Polyurethane   |
|                             | <b>finish</b>   | Fine           |
|                             | <b>color</b>    | blue           |

## Characteristics

|                             |     |         |
|-----------------------------|-----|---------|
| <b>Food Grade (FG)</b>      | no  |         |
| <b>Antistatic (AS)</b>      | yes | ISO 284 |
| <b>High conductive (HC)</b> | no  |         |
| <b>ATEX approval</b>        | no  |         |

## Technical data

|                                         |               |                      |                       |                          |
|-----------------------------------------|---------------|----------------------|-----------------------|--------------------------|
| <b>Belt thickness</b>                   | ISO 2286-3    |                      | 1.5 mm                | 0.06 in.                 |
|                                         | tolerance +/- |                      | 0.1 mm                | 0 in.                    |
| <b>Weight</b>                           | ISO 290703-1  |                      | 1.7 kg/m <sup>2</sup> | 0.35 lbs/ft <sup>2</sup> |
| <b>Force at 6% elongation</b>           | ISO 21181     | dynamic              | 1.2 N/mm              | 6.85 lbs/in.             |
|                                         | ISO 527       | static               | 4 N/mm                | 22.84 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 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            | 0 / 60 °C             | 32 / 140 °F              |
| <b>Belt width</b>                       | standard      |                      | 570 mm                | 22.44 in.                |

## Fabrication

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

## 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.