

# GG S09.31 RRC green

Article code: FBGG054740

## General information

|                             |                                     |
|-----------------------------|-------------------------------------|
| <b>Product group</b>        | High performance flat belts         |
| <b>Product sub type</b>     | Classic                             |
| <b>Industry segment</b>     | Textile                             |
| <b>Main product feature</b> | Shock absorbing, Abrasion resistant |
| <b>Application</b>          | Yarn spinning, Twisting             |
| <b>Indication of use</b>    | High efficient rubber cover         |

## Belt construction

|                             |                 |                |
|-----------------------------|-----------------|----------------|
| <b>Tension member</b>       |                 | Polyamide foil |
| <b>Top side</b>             | <b>material</b> | XNBR elastomer |
|                             | <b>finish</b>   | Rough          |
|                             | <b>color</b>    | light green    |
| <b>Bottom / Pulley side</b> | <b>material</b> | XNBR elastomer |
|                             | <b>finish</b>   | Rough          |
|                             | <b>color</b>    | dark green     |

## 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>                   | DIN EN ISO 2286-3 |                      | 3.1 mm                | 0.12 in.                 |
|                                         | tolerance         | ±                    | 0.25 mm               | 0.01 in.                 |
| <b>Weight</b>                           | ISO 290703-1      |                      | 3.5 kg/m <sup>2</sup> | 0.72 lbs/ft <sup>2</sup> |
| <b>Force at 1% elongation</b>           | DIN EN ISO 21181  | dynamic              | 9 N/mm                | 51.39 lbs/in.            |
| <b>Recommended elongation</b>           |                   | min. / max.          | 2 / 3 %               |                          |
| <b>Coefficient of friction, dynamic</b> | DIN EN ISO 21182  | bottom side to steel | 0,6 μ                 |                          |
|                                         |                   | top side to steel    | 0,6 μ                 |                          |
| <b>Minimum pulley diameter</b>          | flexing           |                      | 60 mm                 | 2.36 in.                 |
|                                         | back flexing      |                      | 60 mm                 | 2.36 in.                 |
| <b>Operating temperature</b>            | continuous        | from / to            | 0 / 80 °C             | 32 / 176 °F              |
| <b>Belt width</b>                       | standard          |                      | 570 mm                | 22.44 in.                |

## Fabrication

WedgeSkive75D-2.8+

## 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.

This item contain the following substance included on the candidate list according to article 59 (1, 10) of Regulation (EC) No 1907/2006 „REACH“ in a concentration above 0.1 % weight by weight: 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol [119-47-1]