**Technical datasheet** 

Concerned information

## TT S11.18 C HC

## Article code: FBTT054237



| General information  |                       |  |               |              |  |  |  |  |  |
|----------------------|-----------------------|--|---------------|--------------|--|--|--|--|--|
| Product group        | High performance fla  | High performance flat belts                          |               |              |  |  |  |  |  |
| Product sub type     | Classic               | Classic  |               |              |  |  |  |  |  |
| Industry segment     | General industry      | General industry                                     |               |              |  |  |  |  |  |
| Main product feature | Abrasion resistant, L | Abrasion resistant, Low friction surface, Antistatic |               |              |  |  |  |  |  |
| Application          | Drag band conveyor    | Drag band conveyor                                   |               |              |  |  |  |  |  |
|                      |                       |  |               |              |  |  |  |  |  |
| Belt construction    |                       |  |               |              |  |  |  |  |  |
| Tension member       |                       | Polyamide foil                                       |               |              |  |  |  |  |  |
| Top side             | material              | Polyamide fabric                                     |               |              |  |  |  |  |  |
|                      | finish                | Fabric textured                                      |               |              |  |  |  |  |  |
|                      | color                 | black  |               |              |  |  |  |  |  |
| Bottom / Pulley side | material              | Polyamide fabric                                     |               |              |  |  |  |  |  |
|                      | finish                | Fabric textured                                      |               |              |  |  |  |  |  |
|                      | color                 | black  |               |              |  |  |  |  |  |
|                      |                       |  |               |              |  |  |  |  |  |
| Characteristics      |                       |  |               |              |  |  |  |  |  |
| Food Grade (FG)      | no                    |  |               |              |  |  |  |  |  |
| Antistatic (AS)      | yes                   | ISO 284  |               |              |  |  |  |  |  |
| High conductive (HC) | yes                   | ISO 284  |               |              |  |  |  |  |  |
| ATEX approval        | no                    |  |               |              |  |  |  |  |  |
|                      |                       |  |               |              |  |  |  |  |  |
| Technical data       |                       |  |               |              |  |  |  |  |  |
| Belt thickness       | ISO 2286-3            |  | 1.8 mm        | 0.07 in.     |  |  |  |  |  |
|                      | tolerance +/-         |  | 0.1 mm        | 0 in.        |  |  |  |  |  |
| Weight               | ISO 200703-1          |  | $1.65 kg/m^2$ | 0.34 lbc/ft2 |  |  |  |  |  |

|                                  |              |                      | 0.1    |       | 0        |         |
|----------------------------------|--------------|----------------------|--------|-------|----------|---------|
| Weight                           | ISO 290703-1 |                      | 1.65   | kg/m² | 0.34     | lbs/ft² |
| Force at 1% elongation           | ISO 21181    | dynamic              | 11     | N/mm  | 62.81    | lbs/in. |
| Recommended elongation           |              | min. / max.          | 2 / 3  | %     |          |         |
| Coefficient of friction, dynamic | ISO 21182    | bottom side to steel | 0,15   | μ     |          |         |
|                                  |              | top side to steel    | 0,15   | μ     |          |         |
| Minimum pulley diameter          | flexing      |                      | 60     | mm    | 2.36     | in.     |
|                                  | back flexing |                      | 60     | mm    | 2.36     | in.     |
| Operating temperature            | continuous   | from / to            | 0 / 80 | °C    | 32 / 176 | °F      |
| Belt width                       | standard     |                      | 570    | mm    | 22.44    | in.     |
|                                  |              |                      |        |       |          |         |

## Fabrication

Recommended splice method

WedgeSkive75D-1.5-2.8

## **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.

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