

# TT S02.10 C black

Article code: FBTT054239

## General information

|                             |  |
|-----------------------------|--|
| <b>Product group</b>        | High performance flat belts            |
| <b>Product sub type</b>     | Classic                                |
| <b>Industry segment</b>     | Paper & print                          |
| <b>Main product feature</b> | Low friction surface, Laterally stable |
| <b>Application</b>          | Webfolders                             |
| <b>Indication of use</b>    | Bi-directional                         |

## Belt construction

|                             |                 |                  |
|-----------------------------|-----------------|------------------|
| <b>Tension member</b>       |                 | Polyamide foil   |
| <b>Top side</b>             | <b>material</b> | Polyamide fabric |
|                             | <b>finish</b>   | Fabric textured  |
|                             | <b>color</b>    | black            |
| <b>Bottom / Pulley side</b> | <b>material</b> | Polyamide fabric |
|                             | <b>finish</b>   | Fabric textured  |
|                             | <b>color</b>    | black            |

## 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 mm                   | 0.04 in.                 |
| <b>Weight</b>                           | ISO 290703-1 |                      | 0.85 kg/m <sup>2</sup> | 0.17 lbs/ft <sup>2</sup> |
| <b>Force at 1% elongation</b>           | ISO 21181    | dynamic              | 2 N/mm                 | 11.42 lbs/in.            |
|   | ISO 527      | static               | 13.7 N/mm              | 78.23 lbs/in.            |
| <b>Recommended elongation</b>           |              | from / to            | 2 / 3 %                |                          |
| <b>Coefficient of friction, dynamic</b> | ISO 21182    | bottom side to steel | 0,15 μ                 |                          |
|   |              | top side to steel    | 0,15 μ                 |                          |
| <b>Minimum pulley diameter</b>          | flexing      |                      | 10 mm                  | 0.39 in.                 |
|   | back flexing |                      | 10 mm                  | 0.39 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

|                                  |                       |
|----------------------------------|-----------------------|
| <b>Recommended splice method</b> | WedgeSkive75D-0.5-1.4 |
|----------------------------------|-----------------------|

## 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.