Technical datasheet

S04 C

Article code: FBSF054501



| Product group Product sub type | High performance flat belt | 5 | | |
|-----------------------------------|-----------------------------|----------------------|-----------------------|-------------------------|
| Product sub type | High performance flat belts | | | |
| | Classic | | | |
| Industry segment | General industry | | | |
| | | | | |
| Belt construction | | | | |
| Tension member | | Polyamide foil | | |
| Top side | material | Polyamide foil | | |
| | finish | smooth | | |
| | color | transparent | | |
| Bottom / Pulley side | material | Polyamide foil | | |
| | finish | smooth | | |
| | color | transparent | | |
| | | | | |
| Characteristics | | | | |
| Food Grade (FG) | no | | | |
| Antistatic (AS) | no | | | |
| High conductive (HC) | no | | | |
| ATEX approval | no | | | |
| Technical data | | | | |
| Belt thickness | ISO 2286-3 | | 0.42 mm | 0.02 in. |
| Weight | ISO 290703-1 | | 0.5 kg/m ² | 0.1 lbs/ft ² |
| Force at 1% elongation | ISO 21181 | dynamic | 4 N/mm | 22.84 lbs/in. |
| Recommended elongation | 100 | from / to | 2/3% | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,1 μ | |
| | | top side to steel | 0,1 μ | |
| Minimum pulley diameter | flexing | | 30 mm | 1.18 in. |
| . , | back flexing | | 30 mm | 1.18 in. |
| Operating temperature | continuous | from / to | 0 / 80 °C | 32 / 176 °F |
| Belt width | standard | | 630 mm | 24.8 in. |
| | | | | |
| Fabrication | | | | |
| Recommended splice method | 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.

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