Technical datasheet

GG S06.55 RRC FG

Article code: FBGG054782



| General information | |
|----------------------|---------------------------------------|
| Product group | High performance flat belts |
| Product sub type | Classic |
| Industry segment | Container & packaging; Carton & boxes |
| Main product feature | High grip, Shock absorbing, Foodgrade |
| Application | Boxfolding |
| Indication of use | High efficient rubber cover |

| Belt construction | | |
|----------------------|----------|----------------|
| Tension member | | Polyamide foil |
| Top side | material | XNBR elastomer |
| | finish | Rough |
| | color | grey |
| Bottom / Pulley side | material | XNBR elastomer |
| | finish | Rough |
| | color | grey |

| Characteristics | | | | | | |
|----------------------|-----|-------------------------------|--|--|--|--|
| Food Grade (FG) | yes | EC 1935/2004, EU 10/2011; FDA | | | | |
| Antistatic (AS) | yes | ISO 284 | | | | |
| High conductive (HC) | no | | | | | |
| ATEX approval | no | | | | | |

| Technical data | | | | | | |
|----------------------------------|--------------|----------------------|---------|-------|----------|---------|
| Belt thickness | ISO 2286-3 | | 5.5 | mm | 0.22 | in. |
| Belt thickness | | ± | 0.3 | mm | 0.01 | in. |
| Weight | ISO 290703-1 | | 6.8 | kg/m² | 1.39 | lbs/ft² |
| Force at 1% elongation | ISO 21181 | dynamic | 6 | N/mm | 34.26 | lbs/in. |
| Recommended elongation * | | from / to | 0.6 / 1 | % | | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,6 | μ | | |
| | | top side to steel | 0,6 | μ | | |
| Minimum pulley diameter | flexing | | 60 | mm | 2.36 | in. |
| | back flexing | | 60 | mm | 2.36 | in. |
| Operating temperature | | from / to | 0 / 80 | °C | 32 / 176 | °F |
| Belt width | standard | | 570 | mm | 22.44 | in. |

Fabrication

Recommended splice method 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.

 $Consult\ our\ specialists\ for\ calculations\ with\ our\ E-RappCalc @\ technical\ calculation\ program.$

* NOTE: For other application(s) an elongation of 2.0 - 3.0% possible.

Our material, as well as the packaging, must be disposed of in a professional and environmentally friendly manner.

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