

TG E04.12 RQ

Article code: FBTG054624

General information

| | |
|-----------------------------|---|
| Product group | High performance flat belts |
| Product sub type | QuickSplice |
| Industry segment | Paper & print; Postal automation |
| Main product feature | Abrasion resistant, High grip |
| Application | Paper processing, Printing & finishing, Mail handling |
| Indication of use | Bi-directional, High efficient rubber cover |

Belt construction

| | | |
|-----------------------------|-----------------|------------------|
| Tension member | | Polyester fabric |
| Top side | material | XNBR elastomer |
| | finish | Rough |
| | color | green |
| Bottom / Pulley side | material | Polyester fabric |
| | finish | Fabric textured |
| | color | green |

Characteristics

| | | |
|-----------------------------|----|--|
| Food Grade (FG) | no | |
| Antistatic (AS) | no | |
| High conductive (HC) | no | |

Technical data

| | | | | |
|---|--------------|----------------------|------------------------|--------------------------|
| Belt thickness | ISO 2286-3 | | 1.3 mm | 0.05 in. |
| Weight | ISO 290703-1 | | 1.25 kg/m ² | 0.26 lbs/ft ² |
| Force at 1% elongation | ISO 21181 | dynamic | 4 N/mm | 22.84 lbs/in. |
| | ISO 527 | static | 9 N/mm | 51.39 lbs/in. |
| Recommended elongation | | min. / max. | 0.5 / 2 % | |
| Coefficient of friction, dynamic | ISO 21182 | bottom side to steel | 0,1 | |
| | | top side to steel | 0,6 | |
| Minimum pulley diameter | flexing | | 15 mm | 0.59 in. |
| | back flexing | | 15 mm | 0.59 in. |
| Operating temperature | continuous | from / to | 0 / 60 °C | 32 / 140 °F |
| Belt width | standard | | 570 mm | 22.44 in. |

Fabrication

| | |
|----------------------------------|---------------|
| Recommended splice method | QuickSplice50 |
|----------------------------------|---------------|

Fabrication

QuickSplice50

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.