RAPPLON® Folder Gluer Belts for the Carton Box Industry
Our problem solver when speed and flexibility are vital

Our commitment to innovation has led to a new series of RAPPLON® Folder Gluer Belts, improved to provide better performance on state-of-the-art high speed Folder Gluers.

With long service lives, excellent grip for paper and carton, outstanding resistance to abrasion and paper dust, hassle-free maintenance, plus the availability of EC and FDA approved Food Grade Covers, these new belts can boost productivity, reduce downtime, cut energy use and costs year in and year out.

RAPPLON® QuickSplice Folder Gluer Belts have the lowest energy consumption in the market compared to other belts.

The innovative belt design results in less self-heating of the belts (temperatures are approx 20% lower compared to other belts under the same condition).

Achieve important energy savings with our QuickSplice Belts

Achieve important energy savings with our QuickSplice Belts
Be in line with the times

Dry foods, such as pasta, are packed directly into carton boxes. During box folding and gluing only belts are in contact with the pack and a potential source for contamination. RAPPLON® Folder Gluer Belts with Food Grade covers meet both FDA and EC standards for contact with dry foodstuffs giving extra peace of mind to food carton manufacturers.

Specialized belt for the feeding

Ultrafeed 500 belts with exclusive Carmi-Tech compound outperform standard products in a wide variety of feed belt applications.

- Laboratory tests rank Carmi-Tech CS20 number 1 for wear resistance using ISO 4649 standards.
- Field testing of Ultrafeed 500 feed belts resulted in a 5-10 fold increase in belt life expectancy.

Proven font press belts

In place of the originally often fitted truly endless woven belts or leather covered belts, RAPPLON® UV E06.20 FQ have proven their duty. With normal endless joint and at lower price.

- Fleece cover for gentle handling and non marking of boxes.
- Longer service life due to more flexible material.

Unique features offering outstanding advantages for your benefit

<table>
<thead>
<tr>
<th>Features</th>
<th>Advantage</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>High modulus Polyester fabric tensile member*</td>
<td>Extremely flexible</td>
<td>Lowest energy consumption</td>
</tr>
<tr>
<td></td>
<td>No elongation</td>
<td>No re-tensioning necessary</td>
</tr>
<tr>
<td></td>
<td>Dimensional stable</td>
<td>Just fit and forget</td>
</tr>
<tr>
<td>High modulus Polyamide foil tensile member**</td>
<td>Shock absorbing</td>
<td>Easy installation and tracking</td>
</tr>
<tr>
<td></td>
<td>Easy on bearings</td>
<td></td>
</tr>
<tr>
<td>High edge resistance</td>
<td>Less Edge fraying</td>
<td>Long service life, no hygienic issues</td>
</tr>
<tr>
<td>XNBR grade rubber covers</td>
<td>Abrasion and wear resistant</td>
<td>Extended service life</td>
</tr>
<tr>
<td></td>
<td>Excellent grip at high speed</td>
<td>Increased output per hour</td>
</tr>
<tr>
<td>Food grade rubber covers</td>
<td>No contamination of boxes</td>
<td>Ideal for sensitive packaging for food or pharmaceutical</td>
</tr>
<tr>
<td>High elasticity</td>
<td>Low load on shafts and bearings</td>
<td>Simple tracking, easy on bearings</td>
</tr>
<tr>
<td>QuickSplice*</td>
<td>Quick and simple splicing with QSP-Tools</td>
<td>Safe joint, perfectly aligned, everybody can splice</td>
</tr>
</tbody>
</table>

* Benefits for QuickSplice Belts  ** Benefits for Classic Belts
Available in either Classic or QuickSplice designs, RAPPLON® Folder Gluer Belts ensure precise transport and folding of carton blanks at very high speeds for nearly all applications across industry needs, including food and pharmaceutical packaging with our high-quality EC and FDA-approved Food Grade covers.

**QuickSplice design**
- Safe, reliable and rapid finger splice for fast belt replacement
- Safe and easy belt tracking, even at speeds as high as 700 m/min
- Energy-saving design, up to 14% lower energy consumption compared to market standard*
- Suitable for running in both directions
- Dimensionally stable polyester core – no re-tensioning required

**Classic design**
- Traditional splice technology with skived and glued joint
- PA foil tension member
- FDA and EC Food Grade covers
- Outstanding edge stability gives no edge fraying
- Can be used in applications with temperatures up to 176 °F (80 °C)
### Technical Data – RAPPLON® Food Grade Folder Gluer Belts

<table>
<thead>
<tr>
<th>Item code</th>
<th>RAPPLON® belt description</th>
<th>Thickness in mm</th>
<th>Force / belt factor at 1% elongation in N/mm</th>
<th>Recommended elongation</th>
<th>Min. pulley Ø in mm</th>
<th>Temperature range in °C</th>
<th>Antistatic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application – Feeder Belts</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54705 Ultrafeed 500</td>
<td>6.5</td>
<td>4.0</td>
<td>0.6 – 1.0%</td>
<td>40.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td><strong>Application – Folder / Transport belt</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54273 RAPPLON® GG S04.30 RRC green</td>
<td>3.0</td>
<td>4.0</td>
<td>0.6 – 1.0%</td>
<td>30.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54164 RAPPLON® GG S04.40 RRC green</td>
<td>4.0</td>
<td>4.0</td>
<td>0.6 – 1.0%</td>
<td>30.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54783 RAPPLON® GG S04.30 RRC FG</td>
<td>3.0</td>
<td>4.0</td>
<td>0.6 – 1.0%</td>
<td>25.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54784 RAPPLON® GG S04.40 RRC FG</td>
<td>4.0</td>
<td>4.0</td>
<td>0.6 – 1.0%</td>
<td>30.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54274 RAPPLON® GG S06.30 RRC green</td>
<td>3.0</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>30.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54145 RAPPLON® GG S06.40 RRC green</td>
<td>4.0</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>40.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54275 RAPPLON® GG S06.50 RRC green</td>
<td>5.0</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>50.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54276 RAPPLON® GG S06.60 RRC green</td>
<td>6.0</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>60.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54780 RAPPLON® GG S06.30 RRC FG</td>
<td>3.0</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>30.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54781 RAPPLON® GG S06.40 RRC FG</td>
<td>4.0</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>40.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54782 RAPPLON® GG S06.55 RRC FG</td>
<td>5.5</td>
<td>6.0</td>
<td>0.6 – 1.0%</td>
<td>60.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54659 RAPPLON® GG E10.30 RRQ FG</td>
<td>3.0</td>
<td>10.0</td>
<td>0.4 – 0.6%</td>
<td>30.0</td>
<td>0 to 60</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54660 RAPPLON® GG E10.40 RRQ FG</td>
<td>4.0</td>
<td>10.0</td>
<td>0.4 – 0.6%</td>
<td>40.0</td>
<td>0 to 60</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54662 RAPPLON® GG E10.55 RRQ FG</td>
<td>5.5</td>
<td>10.0</td>
<td>0.4 – 0.6%</td>
<td>60.0</td>
<td>0 to 60</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td><strong>Application – Transfer section</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54559 RAPPLON® UV E06.20 FQ</td>
<td>2.0</td>
<td></td>
<td>0.4 – 0.6%</td>
<td>20.0</td>
<td>0 to 60</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td><strong>Application – Press and Delivery Section</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54525 RAPPLON® TG P03.12 FC</td>
<td>1.25</td>
<td>3.0</td>
<td>0.2 – 0.6%</td>
<td>25.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54265 RAPPLON® TG P04.20 RC</td>
<td>2.0</td>
<td>3.8</td>
<td>0.2 – 0.6%</td>
<td>25.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>54266 RAPPLON® TG P07.30 RC</td>
<td>2.9</td>
<td>7.0</td>
<td>0.2 – 0.6%</td>
<td>50.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
<tr>
<td>57239 RAPPLON® TG E18.20 P5C</td>
<td>1.9</td>
<td>18.0</td>
<td>0.2 – 0.6%</td>
<td>60.0</td>
<td>0 to 80</td>
<td>yes</td>
<td></td>
</tr>
</tbody>
</table>

### Diagram

- **Transfer Ejector**
- **Gluer / Folder**
- **Delivery**
- **Press**

---

Note: The diagram and table provide technical specifications for various RAPPLON® belt applications, including feeder belts, folder/transport belts, transfer sections, and press/delivery sections. Each entry in the table includes item code, belt description, thickness, force factor at 1% elongation, recommended elongation, minimum pulley diameter, temperature range, and antistatic properties.
Flexo Folder Gluer Systems
For your high-speed cases, 54790 RAPPLON® GG S06.70 RP6C

Accurately folding the blanks in Flexo Folder Gluers and Case Makers at maximum production speed - this is the goal of RAPPLON® Flexo Folder Gluer belts. The folding section requires specific belts to process the blanks without slippage and guarantee a high production speed. The carboxylate rubber cover offer excellent grip and avoid marking of the blanks.

Upgrade high speed case makers with our GG S06.70 RP6C:
• Extremely high edge resistance, no edge fraying
• Wear resistant XNBR rubber covers
• P6 structure offer excellent grip of carton
• Safe transport at high speed
• High elasticity
• Low load on shafts and bearings

Our problem solver to folder gluer system when speed and flexibility are vital

Excellent grip of carton and increased output thanks to wear resistant XNBR Elastomer cover with P6 structure.

Polyamide foil tensile member offer high flexibility and edge stability.

<table>
<thead>
<tr>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item code</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>54790</td>
</tr>
</tbody>
</table>
Flexo Folder Gluers
with natural rubber cover for more output and less downtime

**Flexo Folder**
The 56420 RAPPLON® TG E12.65 FC is a well-known industry solution for flexo folders. Application tests have shown a high level of friction that allows the belt to pull and hold the blank during the folding operation, without slippage between the belt and the blank (slippage would produce problems such as jamming, skewing, ink smears, uneven folds or glue seams). This means the operator doesn’t have to lower the operating speed of the machine, which would reduce production output and profit.

**Feeder Strap**
56421 RAPPLON® TG E12.50 FC is the first choice feeder strap for Bobst Martin Flexo Folders. It is highly abrasion-resistant and easy to perforate for vacuum support, making it a perfect solution for this application.

**Stacker Belts**
54716 RAPPLON® TG S06.30 RC and 54718 RAPPLON® TG S09.60 RC, both with a high-grip elastomer cover, are ideal choices for a large range of tasks: laminating, cutting, stacking, packaging and punching.

### 56420 TG E12.65 FC and 56421 TG E12.50 FC

<table>
<thead>
<tr>
<th>Features</th>
<th>Advantage</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultra high grip natural rubber cover</td>
<td>Highly abrasion resistant surface</td>
<td>Extra long service life</td>
</tr>
<tr>
<td>Anti-static running side to prevent dust accumulation</td>
<td>No maintenance</td>
<td>Longer periods without downtime</td>
</tr>
<tr>
<td>3-ply fabric canvas</td>
<td>Excellent belt tracking, no re-tensioning of belt, excellent hold of mechanical fastener</td>
<td>Higher production speed, quick replacement possible</td>
</tr>
</tbody>
</table>

### Technical data

<table>
<thead>
<tr>
<th>Item code</th>
<th>RAPPLON® belt description</th>
<th>Thickness in mm</th>
<th>Force / belt factor at 1% elongation</th>
<th>Recommended elongation</th>
<th>Min. pulley Ø</th>
<th>Temperature range in °C</th>
<th>Anti-static</th>
</tr>
</thead>
<tbody>
<tr>
<td>56420</td>
<td>TG E12.65 FC</td>
<td>6.5</td>
<td>11.0 N/mm</td>
<td>0.2 - 0.6%</td>
<td>80.0 mm</td>
<td>0 to 80</td>
<td>yes</td>
</tr>
<tr>
<td>56421</td>
<td>TG E12.50 FC</td>
<td>5.0</td>
<td>11.0 N/mm</td>
<td>0.2 - 0.6%</td>
<td>80.0 mm</td>
<td>0 to 80</td>
<td>yes</td>
</tr>
<tr>
<td>54716</td>
<td>TG S06.30 RC</td>
<td>3.0</td>
<td>6.0 N/mm</td>
<td>2.0 - 3.0%</td>
<td>50.0 mm</td>
<td>0 to 80</td>
<td>yes</td>
</tr>
<tr>
<td>54718</td>
<td>TG S09.60 RC</td>
<td>6.1</td>
<td>9.0 N/mm</td>
<td>2.0 - 3.0%</td>
<td>80.0 mm</td>
<td>0 to 80</td>
<td>yes</td>
</tr>
</tbody>
</table>
Local Contacts

... and 150 more service contact points at ammeraalbeltech.com

Argentina
T +54 11 4218 2906
info-ar@ammeraalbeltech.com

Australia
T +61 3 8780 6000
info-au@ammeraalbeltech.com

Austria
T +43 1 71728 133
info-de@ammeraalbeltech.com

Belgium
T +32 2 466 03 00
info-be@ammeraalbeltech.com

Canada
T +1 905 890 1311
info-ca@ammeraalbeltech.com

Chile
T +56 2 233 12900
info-cl@ammeraalbeltech.com

China
T +86 512 8287 2709
info-cn@ammeraalbeltech.com

Colombia
T +57 893 9890
info-co@ammeraalbeltech.com

Czech Republic
T +420 567 117 211
info-cz@ammeraalbeltech.com

Denmark
T +45 7572 3100
info-dk@ammeraalbeltech.com

Finland
T +358 207 911 400
info-fi@ammeraalbeltech.com

France
T +33 3 20 90 36 00
info-fr@ammeraalbeltech.com

Germany
T +49 4152 937-0
info-de@ammeraalbeltech.com

Hungary
T +36 30 311 6099
info-hu@ammeraalbeltech.com

India
T +91 44 265 34 244
info-in@ammeraalbeltech.com

Israel
T +972 4 6371485
info-il@ammeraalbeltech.com

Italy
T +39 051 660 60 06
info-it@ammeraalbeltech.com

Japan
T +81 52 433 7400
info-jp@ammeraalbeltech.com

Luxembourg
T +352 26 48 38 56
info-lu@ammeraalbeltech.com

Malaysia
T +60 3 806 188 49
info-my@ammeraalbeltech.com

Mexico
T +52 55 5341 8131
info-mx@ammeraalbeltech.com

Netherlands
T +31 72 57 51212
info-nl@ammeraalbeltech.com

Poland
T +48 32 44 77 179
info-pl@ammeraalbeltech.com

Portugal
T +351 22 947 94 40
info-pt@ammeraalbeltech.com

Singapore
T +65 62739767
info-sg@ammeraalbeltech.com

Slovakia
T +421 2 55648541-2
info-sk@ammeraalbeltech.com

South Korea
T +82 31 448 3613-7
info-kr@ammeraalbeltech.com

Spain
T +34 93 718 3054
info-es@ammeraalbeltech.com

Sweden
T +46 44 780 3010
info-se@ammeraalbeltech.com

Switzerland
T +41 55 2253 535
info-ch@ammeraalbeltech.com

Thailand
T +66 2902 2604-3
info-th@ammeraalbeltech.com

Turkey
T +90 232 877 0700
info-tr@ammeraalbeltech.com

United Kingdom
T +44 1992 500550
info-uk@ammeraalbeltech.com

United States
T +1 847 673 6720
info-us@ammeraalbeltech.com

Vietnam
T +84 8 376 562 05
info-vn@ammeraalbeltech.com

Expert advice and quality solutions for all your belting needs.

Member of Ammega Group.

General contact information:
Ammeraal Beltech
P.O. Box 38
1700 AA Heerhugowaard
The Netherlands
T +31 (0)72 575 1212
info@ammeraalbeltech.com
ammega.com