Belt constructions

Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Core color</th>
<th>Inner color</th>
<th>Thickness (mm)</th>
<th>Temperature resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF B-300</td>
<td>PET elastomer beige</td>
<td>55</td>
<td>black</td>
<td>6÷12</td>
<td>10.0 –20 +100</td>
</tr>
<tr>
<td>MF R-300</td>
<td>PET elastomer purple red</td>
<td>45</td>
<td>black</td>
<td>6÷12</td>
<td>10.0 –20 +100</td>
</tr>
<tr>
<td>MF HS W-300</td>
<td>PET elastomer white</td>
<td>40</td>
<td>black</td>
<td>6÷12</td>
<td>10.0 –20 +100</td>
</tr>
<tr>
<td>MF HS L-300</td>
<td>PET elastomer raspberry</td>
<td>35</td>
<td>black</td>
<td>6÷12</td>
<td>10.0 –20 +100</td>
</tr>
</tbody>
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Standard coverings

- B: Polyester fabric traction core
- R: Polyurethane traction core
- L: Rubber traction core

Technical data for timing belts

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Core color</th>
<th>Inner color</th>
<th>Width (mm)</th>
<th>Temperature resistance</th>
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<td>MF D-G</td>
<td>PET elastomer raspberry</td>
<td>50</td>
<td>black</td>
<td>90</td>
<td>0,4 -20 +100</td>
</tr>
<tr>
<td>MF D-G W</td>
<td>PET elastomer purple red</td>
<td>45</td>
<td>black</td>
<td>90</td>
<td>0,4 -20 +100</td>
</tr>
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<td>PET elastomer beige</td>
<td>50</td>
<td>black</td>
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<td>0,4 -20 +100</td>
</tr>
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</table>

CHIORINO AFFILIATED COMPANIES

<table>
<thead>
<tr>
<th>Country</th>
<th>Address</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>CHIORINO AUSTRALIA Pty. Ltd.</td>
<td>Tel: +61-7-3301-9303</td>
</tr>
<tr>
<td>Italy</td>
<td>CHIORINO ITALIA S.p.A.</td>
<td>Tel: +39-0-6131-2763</td>
</tr>
<tr>
<td>China</td>
<td>CHIORINO EUROPA GmbH</td>
<td>Tel: +43-1-6131-55449-0</td>
</tr>
<tr>
<td>Spain</td>
<td>CHIORINO IBÉRICA S.A.U.</td>
<td>Tel: +34-93-5860480</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>CHIORINO UK LTD.</td>
<td>Tel: +44-1977-691880</td>
</tr>
<tr>
<td>United States</td>
<td>CHIORINO INC.</td>
<td>Tel: +1-302-292-1906</td>
</tr>
<tr>
<td>India</td>
<td>CHIORINO INDIA</td>
<td>Tel: +91-22-7820444</td>
</tr>
<tr>
<td>Partner for packaging solutions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Chiorino manufactures a wide range of high performing seamless belts, suitable for the form fill sealing by any packaging material (polyethylene and PVC films, paper, fabric, etc.). Where required, a timing belt can be applied on the bottom surface to provide absolute synchronous drive, avoiding any risk of slipping.

Seamless belts for vertical form fill sealers

**BENEFITS**

- High production’s precision thanks to the high and constant coefficient of friction
- Long service life thanks to excellent wear and tear resistance
- Suitable for high operating speed
- Time and cost saving as no lubrication is required
- Suitable for any kind of packaging
- Total surface uniformity thanks to the seamless technology (no joint)
- High flexibility
- Absolute thickness regularity all over belt’s length and width
- Perfect dimensional stability
- Precise fabrication: countersunk, grooves, slots, perforations

**KEY FEATURES**

- Superior friction properties
- Excellent resistance to abrasion
- High creep recovery
- No cracking

**EASY TO ORDER**

The wide range of Chiorino seamless belts suits all the most common form fill sealers.

**Special executions**

Chiorino seamless belts can be supplied with special executions according to customer’s needs.

**Chiorino high performing elastomer**

- Superior friction properties
- Excellent resistance to abrasion
- High creep recovery
- No cracking

**OEM Belt size**

- Special executions

**Diagonal slots and grooved on timing side**

- Countersunk and grooved on timing side

**Vertical slots and grooved on timing side**

- Perforated

- Oval holes

- Grooved on timing side

- Countersunk

- Horizontal slots

- Vertical slots

- Diagonal slots left

- Diagonal slots right

- Perforated
Technical data

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Elongation</th>
<th>Temperature resistance</th>
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<tr>
<td>MF D-U HS W</td>
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</tbody>
</table>

Chiorino seamless belts can be supplied combining different constructions and coverings.

Type Traction timing belts

- Belt with polyester fabric traction core
- Outer cover: hard-wearing
- Inner cover: heat resistant
- Coefficient of friction:
  - Polyester: metric pitch
  - Rubber: both metric and pitch

The technical data are valid under normal environmental conditions and are subject to change without notice.

Chiorino S.p.A.
Via S. Agata, 9
I-13320 Biella, Italy
Tel. +39 0125 504001
Fax +39 0125 458500
chiorino@chiorino.com
www.chiorino.com
Chiorino manufactures a wide range of high performing seamless belts, suitable for the form fill sealing by any packaging material (polyethylene and PVC films, paper, fabric, etc.). Where required, a timing belt can be applied on the bottom surface to provide absolute synchronous drive, avoiding any risk of slippage.

**Benefits**

- High production’s precision thanks to the high and constant coefficient of friction
- Long service life thanks to excellent wear and tear resistance
- Suitable for high operating speed
- Time and cost saving as no lubrication is required
- Suitable for any kind of packaging

**Key Features**

- Total surface uniformity thanks to the seamless technology (no joint)
- High end constant surface’s coefficient of friction
- High flexibility
- Absolute thickness regularity all over belt’s length and width
- Perfect dimensional stability
- Precise fabrication: countersunk, grooves, slots, perforations

**Seamless belts for vertical form fill sealers**

Chiorino seamless belts can be supplied with special executions according to customer’s needs.

**Special executions**

- Diagonal slots and grooved on timing side
- Countersunk and grooved on timing side
- Vertical slots and grooved on timing side

**Easy to order**

The wide range of Chiorino seamless belts suits all the most common form fill sealers.

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**Table**

<table>
<thead>
<tr>
<th>Belt size</th>
<th>Special executions</th>
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</thead>
<tbody>
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</tr>
<tr>
<td></td>
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**Easy to order**

The wide range of Chiorino seamless belts suits all the most common form fill sealers.

**Special executions**

Chiorino seamless belts can be supplied with special executions according to customer’s needs.

**Bosch**
- 50T10 920 x 4.5 mm
- 37T10 920 x 4.5 mm

**Bosch Machinery**
- 50T10 920 x 4.5 mm
- 50T10 530 x 4.0 mm

**Bosch**
- 50T10 530 x 4.0 mm
- 25T10 560 x 6.4 mm

**Fuji Machinery**
- 40-S8M-632 x 5.0 mm

**Hayssten**
- 18 x 190 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 180 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 180 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 100 x 6.0 mm
- 18 x 100 x 6.0 mm
- 18 x 190 x 6.0 mm

**Jepak**
- 18 x 190 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 180 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 180 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 190 x 6.0 mm
- 18 x 186 x 6.0 mm
- 18 x 180 x 6.0 mm

**Bosch**
- 50T10 920 x 4.5 mm
- 37T10 920 x 4.5 mm

**Dritta**
- 38 x 492 x 6.0 mm

**Jepak**
- 18 x 190 x 6.0 mm

**Kliklok-Woodman**
- 240XL1 50 x 6 mm
- 240XL1 50 x 6 mm

**Package Machinery**
- 800-5M-25 x 4.8 mm

**Packmac**
- .938" x 27.875" x .245"

**PaciMac**
- 25T10 440 x 6.4 mm

**Ricciarelli**
- 45 x 465 x 12.00 mm

**Rovema**
- 50T10 630 x 5 mm
- 50T10 780 x 4.5 mm

**Sandiacre**
- 225L094 x 6.5 mm
- 270L098 x 4.5 mm

**Simionato**
- 255L 150 x 8.0 mm

**Tna**
- 367L 051 x 4.5 mm
- 367L 051 x 4.5 mm

**Triangle Packaging**
- 340XL1 78 x .08"
**Technical data**

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Color</th>
<th>Elongation</th>
<th>Temperature resistance</th>
<th>Notes</th>
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<tbody>
<tr>
<td>MF B-350</td>
<td>Polyester fabric traction core</td>
<td>black</td>
<td>90%</td>
<td>-20 to +100°C</td>
<td>Flexible and durable</td>
</tr>
<tr>
<td>MF B-350</td>
<td>Polyester fabric traction core</td>
<td>white</td>
<td>90%</td>
<td>-20 to +100°C</td>
<td>Suitable for high-speed applications</td>
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<tr>
<td>MF B-350</td>
<td>Polyester fabric traction core</td>
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<td>Resistant to abrasion</td>
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<tr>
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<td>-20 to +100°C</td>
<td>Used in demanding environments</td>
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</table>

**Belt constructions**

<table>
<thead>
<tr>
<th>Standard coverings</th>
<th>L: raspberry 35 Sh.A</th>
<th>MS W: white 45 Sh.A</th>
<th>N: purple red 45 Sh.A</th>
<th>B: beige 55 Sh.A</th>
</tr>
</thead>
</table>

**Chiorino SEAMLESS BELTS**

Chiorino seamless belts can be supplied combining different constructions and coverings.

<table>
<thead>
<tr>
<th>Material</th>
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<th>Elongation</th>
<th>Temperature resistance</th>
<th>Notes</th>
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<tbody>
<tr>
<td>PET elastomer</td>
<td>raspberry 35</td>
<td>6-12</td>
<td>10.0</td>
<td>-20 to +100°C</td>
</tr>
<tr>
<td>PET elastomer</td>
<td>purple red 45</td>
<td>6-12</td>
<td>0.1</td>
<td>-20 to +100°C</td>
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<tr>
<td>PET elastomer</td>
<td>black 65</td>
<td>5-15</td>
<td>0.1</td>
<td>-20 to +100°C</td>
</tr>
<tr>
<td>PET elastomer</td>
<td>beige 55</td>
<td>6-12</td>
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<tr>
<td>PET elastomer</td>
<td>white 40</td>
<td>90</td>
<td>0.4</td>
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<td>PET elastomer</td>
<td>white 40</td>
<td>90</td>
<td>0.4</td>
<td>-20 to +100°C</td>
</tr>
</tbody>
</table>

**Chiorino AFFILIATED COMPANIES**

- **Chiorino INDIA - Kolkata**
- **Chiorino Kft. - Szigetszentmiklós, Hungary**
- **Chiorino GmbH - Mainz, Germany**
- **Chiorino ITALIA - Bologna, Italy**
- **Chiorino AUSTRALIA - Brisbane, Australia**
- **Chiorino SOUTH AFRICA (PTY) LTD. - Pretoria, South Africa**
- **Chiorino AMERICA - Newark, DE, USA**
- **Chiorino ASIA Ltd. - Shenzhen, China**
- **Chiorino PARMA srl - Parma, Italy**
- **Chiorino USA Ltd. - Houston, TX, USA**

**Chiorino DISTRIBUTORS**

- **Chiorino SCHWEIZ GmbH - Zürich, Switzerland**
- **Chiorino NEDERLAND - Hilversum, Netherlands**
- **Chiorino PARIS - Paris, France**
- **Chiorino BRASIL - Rubi, Brazil**
- **Chiorino INDIA - Salcete Goa, India**
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- **Chiorino AMERICA - Newark, DE, USA**
- **Chiorino ASIA Ltd. - Shenzhen, China**
- **Chiorino PARMA srl - Parma, Italy**
- **Chiorino USA Ltd. - Houston, TX, USA**

**Partners for packaging solutions**

- **CHIORINO VENETO s.r.l. - Colle Umberto, Italy**
- **CHIORINO PARMA s.r.l. - Parma, Italy**
- **CHIORINO INDIA - Salcete Goa, India**

**Headquarters and production plants**

**Chiorino S.p.A.**

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Fax: +39 015 849 61 61
info@chiorino.com
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**EMAS**

- **UNI EN ISO 9001:2015**
- **OHSAS 18001:2007**
- **Zimbabwe**
- **Yemen**
- **Vietnam**
- **Uzbekistan**
- **United Arabian Emirates**
- **Ukraine**
- **Turkmenistan**
- **Thailand**
- **Tadjikistan**
- **Sweden**
- **Slovenia**
- **Slovak Republic**
- **Serbia**
- **Saudi Arabia**
- **Russia**
- **Paraguay**
- **Pakistan**
- **Nicaragua**
- **New Zealand**
- **Myanmar**
- **Morocco**
- **Mexico**
- **Malaysia**
- **Macedonia**
- **Lithuania**
- **Kirgyzstan**
- **Kenya**
- **Kazakhstan**
- **Jordan**
- **Ivory Coast**
- **Ireland**
- **Iran**
- **Iceland**
- **Honduras**
- **Greece**
- **Georgia**
- **Fiji**
- **Estland**
- **Denmark**
- **Czech Republic**
- **Cyprus**
- **Croatia**
- **Costa Rica**
- **Chile**
- **Canada**
- **Cambodia**
- **Bulgaria**
- **Botswana**
- **Bosnia-Herzegovina**
- **Bolivia**
- **Belgium**
- **Bangladesh**
- **Azerbaijan**
- **Austria**
- **Armenia**
- **Argentina**
- **Albania**

**Packaging**

**Partner for vertical form fill sealers**

- **Packaging solutions**
- **Seamless belts**

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