Ammeraal Beltech Modular
Innovative belt and chain solutions
for every industry & application
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Plastic Modular Belt

Series uni ACB  Type Closed

Non standard material and color: See uni Material and Color Overview. Safety edges with orange or yellow edge links mounted on alternating pitches along both belt edges are optional. Alternative pin and lock systems and materials: Contact Customer Service.

Belt width | Permissible tensile force (Belt/pin material) | Belt weight (Belt/pin material) | *Min No drive sprocket per shaft | Number of wear strips (min no)
--- | --- | --- | --- | ---
| mm | in | POM-NL/PA6.6 | POM-NL/SS | POM-NL/PA6.6 | POM-NL/SS | Kg/m | lb/ft | Kg/m | lb/ft | Carry (pcs) | Return (pcs)
203 | 8.0 | 14210 | 3194 | 16240 | 3651 | 3.1 | 2.07 | 4.0 | 2.71 | 2 | 2 | 2
305 | 12.0 | 21350 | 4799 | 24400 | 5485 | 4.6 | 3.12 | 6.1 | 4.08 | 3 | 3 | 2
406 | 16.0 | 28420 | 6389 | 32480 | 7302 | 6.2 | 4.15 | 8.1 | 5.43 | 3 | 3 | 2
507 | 20.0 | 35490 | 7978 | 40560 | 9118 | 7.7 | 5.18 | 10.1 | 6.78 | 4 | 4 | 2
609 | 24.0 | 42630 | 9583 | 48720 | 10952 | 9.3 | 6.22 | 12.1 | 8.14 | 5 | 5 | 3
710 | 28.0 | 49700 | 11173 | 56800 | 12769 | 10.8 | 7.25 | 14.1 | 9.50 | 5 | 5 | 3
811 | 32.0 | 56770 | 12762 | 64880 | 14585 | 12.3 | 8.28 | 16.1 | 10.85 | 6 | 6 | 3
913 | 36.0 | 63910 | 14367 | 73040 | 16419 | 13.9 | 9.33 | 18.2 | 12.21 | 7 | 7 | 4
1014 | 40.0 | 70980 | 15956 | 81120 | 18236 | 15.4 | 10.36 | 20.2 | 13.56 | 7 | 7 | 4
1116 | 44.0 | 78120 | 17561 | 89280 | 20070 | 17.0 | 11.40 | 22.2 | 14.93 | 8 | 8 | 4

Additional standard belt widths are available in steps of 50.7 mm (2.00 in). Additional non-standard belt widths are available in steps of 16.9 mm (0.67 in).

1977 | 77.8 | 138390 | 31110 | 158160 | 35554 | 30.1 | 20.20 | 39.3 | 26.44 | 14 | 14 | 7
2991 | 117.8 | 209370 | 47066 | 239280 | 53790 | 45.5 | 30.55 | 59.5 | 40.00 | 20 | 20 | 10
4005 | 157.7 | 280350 | 63023 | 320400 | 72026 | 60.9 | 40.91 | 79.7 | 53.56 | 27 | 27 | 14

General belt tolerance is $\pm$0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POM-NL 8000 N (1799 lbf).
Contact area/wear surface of belt will increase from 25% to 49% by the use of inserts.

**Accessories**

**Top/Bottom Insert**

<table>
<thead>
<tr>
<th>Type</th>
<th>Insert material &amp; color</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Plate</td>
<td>POM DK</td>
<td>3.81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.79</td>
</tr>
</tbody>
</table>

EC insert in uni ACB 2% Rough type can be build in to uni ACB Closed to create an electrical conductive belt.

Contact area/wear surface of belt will increase from 25% to 38% by the use of inserts.

**Accessories**

**Top/Bottom Insert**

<table>
<thead>
<tr>
<th>Type</th>
<th>Insert material &amp; color</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Conductive</td>
<td>POM-EC</td>
<td>2.29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.47</td>
</tr>
</tbody>
</table>

POM-EC and POX-FREC holds a surface resistivity of $1 \times 10^6$ Ohm according to IEC 60093/ASTM D257.

**Accessories**

**Flight**

<table>
<thead>
<tr>
<th>Type</th>
<th>Flight material &amp; color</th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>Link size</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car pusher</td>
<td>POM-NL</td>
<td>11.0</td>
<td>0.43</td>
<td>39.0</td>
<td>1.54</td>
<td>35.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.38</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>K800</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>203.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8.00</td>
</tr>
</tbody>
</table>

Backflex radius when flights are used: 120.0 mm (4.72 in).
Datasheet: uni ACB Closed

Other sprocket sizes are available upon request.
Two-part sprockets are available upon request.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of single tooth = 6.5 mm (0.25 in)
Width of sprocket = 33.2 mm (1.31 in)

Max load per sprocket shown does not take bore size into account. Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni ACB.
For more detailed sprocket information, contact Customer Service.

Non standard material and color: See uni Material and Color Overview.

<table>
<thead>
<tr>
<th>No of teeth</th>
<th>Bore size</th>
<th>Overall diameter</th>
<th>Pitch-diameter</th>
<th>Hub-diameter</th>
<th>Dimension A</th>
<th>Dimension B</th>
<th>Double row/One way</th>
<th>Machined</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>mm in</td>
<td>mm in</td>
<td>mm in</td>
<td>mm in</td>
<td>mm in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Z16</td>
<td>✓</td>
<td>60.0 2.36</td>
<td>213.0 8.4</td>
<td>205.4 8.1</td>
<td>175.8 6.9</td>
<td>89.1 3.5</td>
<td>110.9 4.4</td>
<td>✓</td>
</tr>
<tr>
<td>Z20</td>
<td>✓</td>
<td>90.0 3.54</td>
<td>264.2 10.4</td>
<td>256.0 10.1</td>
<td>227.9 9.0</td>
<td>114.8 4.5</td>
<td>136.3 5.4</td>
<td>✓</td>
</tr>
</tbody>
</table>

Machined sprocket

Other sprocket sizes are available upon request.
Two-part sprockets are available upon request.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of single tooth = 6.5 mm (0.25 in)
Width of sprocket = 33.2 mm (1.31 in)

Max load per sprocket shown does not take bore size into account. Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni ACB.
For more detailed sprocket information, contact Customer Service.
Plastic Modular Belt

Series **uni ACB**  Type **Rough**

**Belt material & color**

<table>
<thead>
<tr>
<th>Belt width (mm)</th>
<th>Permissible tensile force (Belt/pin material)</th>
<th>Belt weight (Belt/pin material)</th>
<th>Number of wear strips (min no)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POX-FR/PBT</strong></td>
<td><strong>POX-FR/SS</strong></td>
<td><strong>POX-FR/PBT</strong></td>
<td><strong>POX-FR/SS</strong></td>
</tr>
<tr>
<td>mm</td>
<td>N</td>
<td>lbf</td>
<td>N</td>
</tr>
<tr>
<td>204</td>
<td>8.0</td>
<td>14280</td>
<td>3210</td>
</tr>
<tr>
<td>306</td>
<td>12.0</td>
<td>21420</td>
<td>4815</td>
</tr>
<tr>
<td>407</td>
<td>16.0</td>
<td>28490</td>
<td>6405</td>
</tr>
<tr>
<td>509</td>
<td>20.0</td>
<td>35630</td>
<td>8010</td>
</tr>
<tr>
<td>611</td>
<td>24.1</td>
<td>42770</td>
<td>9615</td>
</tr>
<tr>
<td>713</td>
<td>28.1</td>
<td>49910</td>
<td>11220</td>
</tr>
<tr>
<td>814</td>
<td>32.0</td>
<td>56980</td>
<td>12809</td>
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<tr>
<td>916</td>
<td>36.1</td>
<td>64120</td>
<td>14414</td>
</tr>
<tr>
<td>1018</td>
<td>40.1</td>
<td>71260</td>
<td>16019</td>
</tr>
<tr>
<td>1120</td>
<td>44.1</td>
<td>78400</td>
<td>17624</td>
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<td><strong>1984</strong></td>
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<td>138880</td>
<td>31220</td>
</tr>
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<td><strong>3002</strong></td>
<td>118.2</td>
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<td>47239</td>
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<tr>
<td><strong>4019</strong></td>
<td>158.2</td>
<td>281330</td>
<td>63243</td>
</tr>
</tbody>
</table>

Additional standard belt widths are available in steps of 50.7 mm (2.00 in). Additional non-standard belt widths are available in steps of 16.9 mm (0.67 in).

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

*Max. Load per Drive Sprocket. Belt material: POX-FR 8000 N (1799 lbf).*
Contact area/wear surface of belt will increase from 25% to 49% by the use of inserts.

**Accessories**

**Top/Bottom Insert**

EC insert in uni ACB 2% Rough type can be built into uni ACB Closed to create an electrical conductive belt.

<table>
<thead>
<tr>
<th>Type</th>
<th>Insert material &amp; color</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Plate</td>
<td>POM DK</td>
<td>3.81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.79</td>
</tr>
</tbody>
</table>

Contact area/wear surface of belt will increase from 25% to 38% by the use of inserts.

POM-EC and POX-FREC holds a surface resistivity of $1 \times 10^6$ Ohm according to IEC 60093/ASTM D257.

**Accessories**

**Flight**

Backflex radius when flights are used: 120.0 mm (4.72 in).
Datasheet: uni ACB Rough

Other sprocket sizes are available upon request.
Two-part sprockets are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of single tooth = 6.5 mm (0.25 in)
Width of sprocket = 33.2 mm (1.31 in)

Max load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni ACB.
For more detailed sprocket information, contact Customer Service.

Non standard material and color:
See uni Material and Color Overview.

<table>
<thead>
<tr>
<th>No of teeth</th>
<th>Bore size</th>
<th>Overall diameter</th>
<th>Pitch-diameter</th>
<th>Hub-diameter</th>
<th>Dimension A</th>
<th>Dimension B</th>
<th>Double row/One way</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pilot bore</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
</tr>
<tr>
<td></td>
<td>60.0</td>
<td>2.36</td>
<td>60.0</td>
<td>2.36</td>
<td>90.0</td>
<td>3.54</td>
<td>90.0</td>
</tr>
<tr>
<td></td>
<td>120.0</td>
<td>4.74</td>
<td>120.0</td>
<td>4.74</td>
<td>175.8</td>
<td>6.9</td>
<td>175.8</td>
</tr>
<tr>
<td>Z16</td>
<td>✔</td>
<td>213.0</td>
<td>8.4</td>
<td>205.4</td>
<td>8.1</td>
<td>175.8</td>
<td>6.9</td>
</tr>
<tr>
<td>Z20</td>
<td>✔</td>
<td>264.2</td>
<td>10.4</td>
<td>256.0</td>
<td>10.1</td>
<td>227.9</td>
<td>9.0</td>
</tr>
</tbody>
</table>

Machined sprocket
## Plastic Modular Belt

**Series uni ACB  Type Rough**

### Belt Material & Color

<table>
<thead>
<tr>
<th>Belt material &amp; color</th>
<th>P</th>
<th>L</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>POM-NL</td>
<td>▶</td>
<td>▶</td>
<td>▶</td>
</tr>
</tbody>
</table>

### Pin and Lock Material & Color

<table>
<thead>
<tr>
<th>Pin and lock material &amp; color</th>
<th>B</th>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA6.6</td>
<td>▶</td>
<td>▶</td>
</tr>
</tbody>
</table>

### Belt Width

- **Nominal pitch:** 40.0 mm (1.57 in)
- **Surface type:** Rough
- **Surface opening:** Closed
- **Backflex radius:** 60.0 mm (2.36 in)
- **Pin diameter:** 6.0 mm (0.24 in)

### Belt Specifications

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Permissible Tensile Force (Belt/pin material)</th>
<th>Belt Weight (Belt/pin material)</th>
<th>Min No drive sprocket per shaft</th>
<th>Number of Wear Strips (min no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>POM-NL/PA6.6</td>
<td>POM-NL/SS</td>
<td>POM-NL/PA6.6</td>
<td>POM-NL/SS</td>
</tr>
<tr>
<td>203</td>
<td>8.0</td>
<td>14210</td>
<td>3194</td>
<td>16240</td>
</tr>
<tr>
<td>305</td>
<td>12.0</td>
<td>21350</td>
<td>4799</td>
<td>24400</td>
</tr>
<tr>
<td>406</td>
<td>16.0</td>
<td>28420</td>
<td>6389</td>
<td>32480</td>
</tr>
<tr>
<td>507</td>
<td>20.0</td>
<td>35490</td>
<td>7978</td>
<td>40560</td>
</tr>
<tr>
<td>609</td>
<td>24.0</td>
<td>42630</td>
<td>9583</td>
<td>48720</td>
</tr>
<tr>
<td>710</td>
<td>28.0</td>
<td>49700</td>
<td>11173</td>
<td>56800</td>
</tr>
<tr>
<td>811</td>
<td>32.0</td>
<td>56770</td>
<td>12762</td>
<td>64880</td>
</tr>
<tr>
<td>913</td>
<td>36.0</td>
<td>63910</td>
<td>14367</td>
<td>73040</td>
</tr>
<tr>
<td>1014</td>
<td>40.0</td>
<td>70980</td>
<td>15956</td>
<td>81120</td>
</tr>
<tr>
<td>1116</td>
<td>44.0</td>
<td>78120</td>
<td>17561</td>
<td>89280</td>
</tr>
</tbody>
</table>

### Additional Belt Widths

- Additional standard belt widths are available in steps of 50.7 mm (2.00 in). Additional non-standard belt widths are available in steps of 16.9 mm (0.67 in).

### General Belt Tolerance

- General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

### Belt Weight

- Belt material: POM-NL 8000 N (1799 lbf).

---

Non standard material and color: See uni Material and Color Overview.

Safety edges with orange or yellow edge links mounted on alternating pitches along both belt edges are optional.

Alternative pin and lock systems and materials: Contact Customer Service.
Contact area/wear surface of belt will increase from 25% to 49% by the use of inserts.

**Accessories**

**Top/Bottom Insert**

EC insert in uni ACB 2% Rough type can be build in to uni ACB Closed to create an electrical conductive belt.

<table>
<thead>
<tr>
<th>Type</th>
<th>Insert material &amp; color</th>
<th>Weight kg/m²</th>
<th>Weight lb/ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Plate</td>
<td>POM DK</td>
<td>3.81</td>
<td>0.79</td>
</tr>
</tbody>
</table>

Contact area/wear surface of belt will increase from 25% to 38% by the use of inserts.
POM-EC and POX-FREC holds a surface resistivity of $1 \times 10^6$ Ohm according to IEC 60093/ASTM D257.

**Accessories**

**Flight**

Backflex radius when flights are used: 120.0 mm (4.72 in).

<table>
<thead>
<tr>
<th>Type</th>
<th>Flight material &amp; color</th>
<th>A mm</th>
<th>B in</th>
<th>H mm</th>
<th>Link size</th>
<th>Width mm</th>
<th>Width in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car pusher</td>
<td>POM-NL</td>
<td>11.0</td>
<td>0.43</td>
<td>39.0</td>
<td>K800</td>
<td>203.0</td>
<td>8.00</td>
</tr>
</tbody>
</table>
Datasheet: uni ACB Rough

Other sprocket sizes are available upon request.

Two-part sprockets are available upon request.

Round bores are always delivered with keyway.

Other bore sizes are available upon request.

uni Retainer Rings: See uni Retainer Ring data sheet

Width of single tooth = 6.5 mm (0.25 in)

Width of sprocket = 33.2 mm (1.31 in)

Max load per sprocket shown does not take bore size into account.

Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni ACB.

For more detailed sprocket information, contact Customer Service.

<table>
<thead>
<tr>
<th>No of teeth</th>
<th>Bore size</th>
<th>Overall diameter</th>
<th>Pitch-diameter</th>
<th>Hub-diameter</th>
<th>Dimension A</th>
<th>Dimension B</th>
<th>Double row/One way</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z16</td>
<td>213.0</td>
<td>8.4</td>
<td>205.4</td>
<td>8.1</td>
<td>175.8</td>
<td>6.9</td>
<td>89.1</td>
</tr>
<tr>
<td>Z20</td>
<td>264.2</td>
<td>10.4</td>
<td>256.0</td>
<td>10.1</td>
<td>227.9</td>
<td>9.0</td>
<td>114.8</td>
</tr>
</tbody>
</table>

Non standard material and color: See uni Material and Color Overview.
Datasheet: uni ACB Rough

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F +45 7572 3348
admin@unichains.com
www.unichains.com
Plastic Modular Belt

Series uni ACB  Type 2% Rough

Datasheet: uni ACB 2% Rough

Straight running belt
Nominal pitch: 40.0 mm (1.57 in)
Surface type: Rough
Surface opening: 2% Open
Backflex radius: 60.0 mm (2.36 in)
Pin diameter: 6.0 mm (0.24 in)

Non standard material and color: See uni Material and Color Overview.
Safety edges with orange or yellow edge links mounted on alternating pitches along both belt edges are optional.
Alternative pin and lock systems and materials - Contact Customer Service.

Additional standard belt widths are available in steps of 50.7 mm (2.00 in). Additional non-standard belt widths are available in steps of 16.9 mm (0.67 in).

General belt tolerance is +0/-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.

- Single Link
Contact area/wear surface of belt will increase from 25% to 49% by the use of inserts.

**Accessories**

**Top/Bottom Insert**

EC insert in uni ACB 2% Rough type can be build in to uni ACB Closed to create an electrical conductive belt.

<table>
<thead>
<tr>
<th>Type</th>
<th>Insert material &amp; color</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Plate</td>
<td>POM DK</td>
<td>3.81 kg/m²</td>
</tr>
</tbody>
</table>

Contact area/wear surface of belt will increase from 25% to 38% by the use of inserts.

**Accessories**

**Top/Bottom Insert**

POM-EC and POX-FREC holds a surface resistivity of $1 \times 10^6$ Ohm according to IEC 60093/ASTM D257.

**Accessories**

**Flight**

Backflex radius when flights are used: 120.0 mm (4.72 in).
Other sprocket sizes are available upon request.
Two-part sprockets are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of single tooth = 6.5 mm (0.25 in)
Width of sprocket = 33.2 mm (1.31 in)

Max load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni ACB.
For more detailed sprocket information, contact Customer Service.
Plastic Modular Belt

Series uni ACB  Type 2% Rough

- Nominal pitch: 40.0 mm (1.57 in)
- Surface type: Rough
- Surface opening: 2% Open
- Backflex radius: 60.0 mm (2.36 in)
- Pin diameter: 6.0 mm (0.24 in)

Datasheet: uni ACB 2% Rough

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### Belt Material & Color

<table>
<thead>
<tr>
<th>Belt Material &amp; Color</th>
<th>POM NL</th>
<th>K</th>
</tr>
</thead>
</table>

### Pin and Lock Material & Color

- PA6.6 B
- PP O

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### Belt Width

<table>
<thead>
<tr>
<th>Belt Width</th>
<th>Permissible Tensile Force (Belt/pin Material)</th>
<th>Belt Weight (Belt/pin Material)</th>
<th>Min No Drive Sprocket per Shaft</th>
<th>Number of Wear Strips (min no)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>POM-NL/PA6.6</td>
<td>POM-NL/SS</td>
<td>POM-NL/PA6.6</td>
<td>POM-NL/SS</td>
</tr>
<tr>
<td>mm/in</td>
<td>Kg/m lb/ft</td>
<td>Kg/m lb/ft</td>
<td>Kg/m lb/ft</td>
<td>Kg/m lb/ft</td>
</tr>
<tr>
<td>203/8.0</td>
<td>3.0/2.03</td>
<td>4.0/2.67</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>304/12.0</td>
<td>4.5/3.04</td>
<td>6.0/4.00</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>406/16.0</td>
<td>6.0/4.07</td>
<td>8.0/5.35</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>507/20.0</td>
<td>7.6/5.08</td>
<td>9.9/6.68</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>608/23.9</td>
<td>9.1/6.09</td>
<td>11.9/8.01</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>710/28.0</td>
<td>10.6/7.11</td>
<td>13.9/9.35</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>811/31.9</td>
<td>12.1/8.12</td>
<td>15.9/10.68</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>912/35.9</td>
<td>13.6/9.13</td>
<td>17.9/12.01</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>1014/39.9</td>
<td>15.1/10.15</td>
<td>19.9/13.36</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>1115/43.9</td>
<td>16.6/11.17</td>
<td>21.9/14.69</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>

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### Additional Standard Belt Widths

- Available in steps of 50.7 mm (2.00 in.)
- Available in steps of 16.9 mm (0.67 in.)

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### General Belt Tolerance

- +0.0% at 23°C/73°F and 50% RH
- Max. Load per Drive Sprocket: POM-NL 8000 N (1799 lbf)

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Non standard material and color: See uni Material and Color Overview. Safety edges with orange or yellow edge links mounted on alternating pitches along both belt edges are optional. Alternative pin and lock systems and materials: Contact Customer Service.

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*Max. Load per Drive Sprocket. Belt material: POM-NL 8000 N (1799 lbf).
Contact area/wear surface of belt will increase from 25% to 49% by the use of inserts.

### Accessories

**Top/Bottom Insert**

EC insert in uni ACB 2% Rough type can be built into uni ACB Closed to create an electrical conductive belt.

<table>
<thead>
<tr>
<th>Type</th>
<th>Insert material &amp; color</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheel Plate</td>
<td>POM DK O</td>
<td>3.81 kg/m² 0.79 lb/ft²</td>
</tr>
</tbody>
</table>

### Accessories

**Top/Bottom Insert**

Contact area/wear surface of belt will increase from 25% to 38% by the use of inserts.

POM-EC and POX-FREC holds a surface resistivity of $1 \times 10^6$ Ohm according to IEC 60093/ASTM D257.

### Accessories

**Flight**

Backflex radius when flights are used: 120.0 mm (4.72 in).

<table>
<thead>
<tr>
<th>Type</th>
<th>Flight material &amp; color</th>
<th>A</th>
<th>B</th>
<th>H</th>
<th>Link size</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Car pusher</td>
<td>POM-NL K</td>
<td>11.0</td>
<td>0.43</td>
<td>39.0</td>
<td>1.54</td>
<td>35.0</td>
</tr>
</tbody>
</table>
Datasheet: uni ACB 2% Rough

Other sprocket sizes are available upon request.
Two-part sprockets are available upon request.
Round bores are always delivered with keyway.
Other bore sizes are available upon request.
uni Retainer Rings: See uni Retainer Ring data sheet
Width of single tooth = 6.5 mm (0.25 in)
Width of sprocket = 33.2 mm (1.31 in)

Max load per sprocket shown does not take bore size into account.
Please also ensure that sufficient size shaft is chosen for corresponding load.

For correct sprocket position: See uni Assembly Instructions for uni ACB.
For more detailed sprocket information, contact Customer Service.
Datasheet: uni ACB 2% Rough
Expert advice, quality solutions and local service for all your belting needs

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