Engineered Timing Belts
Engineered Belts – creating a custom-made product

Ammeraal Beltech has an outstanding reputation for developing individual solutions for each separate belting application. We understand that your processes and equipment are unique to your business, and our engineers have the technical proficiency and industry experience to develop belts for even the most challenging operating conditions.

Cleats
- Timing Belts customized with welded-on profile/cleats made from the same polyurethane as the body of the belt
- Integrated metal teeth to enable mechanical attachment of cleats
- Both simple upright and custom-made complex-shape cleats available
- Welding
  - infrared welding
  - friction welding
  - contact heated tool welding
- High frequency

Endlessing
- Splicing
- Welded joint
  - only done with open-end PU Linear types
  - finger joint, tapered fingers
  - no glues or adhesives
  - strength after welding at 50% of original maximum belt strength
- Fasteners
  - for specialized tasks
  - plastic lace fastener
  - pin-joint fastener
  - quick installation on site
- Jointing tools
  - finger-punch
  - splice press
  - welding molds per belt pitch type
  - control unit
  - water-cooling unit
  - jointing on site also possible

Ve-guides
- Fabricated Ve-guides
  - for PU Linear, PU Torque and PU Molded belts
  - can be fit to any belt type in any width, length combination
  - can be glued on
  - can also be added onto the back side of the belt
  - special dimensions, colors and degrees of hardness available
  - special notched types available for extra flexibility
- Timing Belts with integrated Ve-guides
  - PU compound, hardness and color that match the body of the belt
Covers

Cover materials determine a belt's unique set of properties, such as friction, flexibility, wear resistance and oil and fat resistance. Ammeraal Beltech can apply an extra cover to almost any base belt, whether it be a standard belt, a high-performance flat belt or a timing belt. We offer an extensive range of cover materials, including rubbers, PVC, polyurethane, cellular materials and other special materials.

What’s more, we can fit a cover to a base belt using any one of four processes:

Bonding
with glue, warm or cold, relatively easy, one off, economic, not seamless

Welding
with hot air, only thermoplastics, seamless if required

Casting
vulcanizing truly endless rubber covers, resulting in a seamless cover

Coating
knife coating for paste covers and for truly endless seamless covers

Machining

• Grooves for Ve-guides and for vacuum belts
• Holes created by water jet cutting, punching or drilling
• Grinding full surface or profiles, such as poly Ve-profile
• Cross slots and slits
• Machinery customized to your design
• Embossing of thermoplastic covers
• Milling recessed slots
## Covering Materials: Rubber

<table>
<thead>
<tr>
<th>Rubber Type</th>
<th>Material Type</th>
<th>Color</th>
<th>Max. Contact Temperature [°C/F]</th>
<th>Oil and Fat Resistance</th>
<th>Static Coefficient of Friction to Steel</th>
<th>Food Grade</th>
<th>Pulley Factor</th>
<th>Standard Thickness [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRS 035 Yellow</td>
<td>Natural rubber</td>
<td>yellow</td>
<td>65/149</td>
<td>low</td>
<td>1.2</td>
<td>no</td>
<td>13</td>
<td>3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 30</td>
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<tr>
<td>NRS 040 Red</td>
<td>Natural rubber</td>
<td>red</td>
<td>70/158</td>
<td>low</td>
<td>1.0</td>
<td>no</td>
<td>15</td>
<td>1, 2, 3, 4, 5, 6, 8, 10, 12, 15</td>
</tr>
<tr>
<td>NRS 040 White FG</td>
<td>Natural rubber</td>
<td>white</td>
<td>70/158</td>
<td>limited</td>
<td>1.0</td>
<td>yes</td>
<td>15</td>
<td>2, 3, 5, 6, 8, 10</td>
</tr>
<tr>
<td>NRS 040 beige</td>
<td>Synthetic rubber</td>
<td>beige</td>
<td>70/158</td>
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<td>no</td>
<td>15</td>
<td>4, 6, 8, 10, 12, 15</td>
</tr>
<tr>
<td>NRS 060 Red</td>
<td>Natural rubber blend</td>
<td>red</td>
<td>75/167</td>
<td>low</td>
<td>0.9</td>
<td>no</td>
<td>17</td>
<td>3, 5, 6, 8, 10, 12, 20, 25</td>
</tr>
<tr>
<td>NRS 070 purple</td>
<td>Natural rubber blend</td>
<td>purple</td>
<td>75/167</td>
<td>limited</td>
<td>0.6</td>
<td>no</td>
<td>20</td>
<td>3, 4, 5, 6, 8, 10, 12, 15, 20, 25</td>
</tr>
<tr>
<td>NTS 065 white FG</td>
<td>Nitrile rubber</td>
<td>white</td>
<td>80/176</td>
<td>good</td>
<td>0.8</td>
<td>yes</td>
<td>18</td>
<td>3, 5, 6, 8, 10, 12, 20, 25</td>
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<tr>
<td>NTS 060 black</td>
<td>Nitrile rubber</td>
<td>black</td>
<td>110/230</td>
<td>good</td>
<td>0.7</td>
<td>no</td>
<td>18</td>
<td>4, 6, 8, 10, 12</td>
</tr>
<tr>
<td>NTS 070 green</td>
<td>Nitrile rubber</td>
<td>green</td>
<td>100/212</td>
<td>good</td>
<td>0.7</td>
<td>no</td>
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<tr>
<td>CXS 065 C37 blue</td>
<td>Nitrile rubber</td>
<td>blue</td>
<td>120/248</td>
<td>excellent</td>
<td>0.9</td>
<td>no</td>
<td>20</td>
<td>43</td>
</tr>
<tr>
<td>SRS 040 C37 tan</td>
<td>Synthetic rubber</td>
<td>tan</td>
<td>80/176</td>
<td>limited</td>
<td>1.0</td>
<td>no</td>
<td>15</td>
<td>43</td>
</tr>
<tr>
<td>NTS 050 C37 red</td>
<td>Nitrile rubber</td>
<td>red</td>
<td>120/248</td>
<td>excellent</td>
<td>0.7</td>
<td>no</td>
<td>20</td>
<td>43</td>
</tr>
<tr>
<td>SRS 040 N19 white</td>
<td>Synthetic rubber</td>
<td>white</td>
<td>80/176</td>
<td>limited</td>
<td>na</td>
<td>no</td>
<td>20</td>
<td>2</td>
</tr>
</tbody>
</table>

**Notes:**
- **Rubber Types:**
  - **NRS 035 Yellow**: Natural rubber, excellent grip with good abrasion resistance.
  - **NRS 040 Red**: Natural rubber, high grip, good wear and abrasion resistance.
  - **NRS 040 White FG**: Natural rubber, high grip, good wear and abrasion resistance, food quality.
  - **NRS 040 Beige**: Synthetic natural rubber, high grip, excellent for profiling and grooving, high tear and abrasion resistance.
  - **NRS 060 Red**: Natural rubber, high wear and abrasion resistance, good cut and tear resistance.
  - **NRS 070 Purple**: Natural rubber, excellent wear and abrasion resistance, high 21 cut and tear resistance.
  - **NTS 065 White FG**: Nitrile rubber, oil and fat resistant, synthetic rubber, food quality.
  - **NTS 060 Black**: Nitrile rubber, very good wear and abrasion resistance under high temperatures, oil and fat resistance.
  - **NTS 070 Green**: Nitrile rubber, oil and fat resistant, good grip, light fabric texture surface, good wear and abrasion resistance.
  - **CXS 065 C37 Blue**: Nitrile rubber, high wear and abrasion resistant, oil and fat resistance, C37 supergrip profile.
  - **SRS 040 C37 Tan**: Synthetic rubber, high wear and abrasion resistance, sensitive grip, C37 supergrip profile.
  - **SRS 040 N19 White**: Synthetic rubber, good wear and abrasion resistance, good grip, N19 nipple profile.

- **Covering Materials:**
  - **Rubber**: NRS 035 Yellow - Natural rubber, excellent grip with good abrasion resistance.
  - **Rubber**: NRS 040 Red - Natural rubber, high grip, good wear and abrasion resistance.
  - **Rubber**: NRS 040 White FG - Natural rubber, high grip, good wear and abrasion resistance, food quality.
  - **Rubber**: NRS 040 Beige - Synthetic natural rubber, high grip, excellent for profiling and grooving, high tear and abrasion resistance.
  - **Rubber**: NRS 060 Red - Natural rubber, high wear and abrasion resistance, good cut and tear resistance.
  - **Rubber**: NRS 070 Purple - Natural rubber, excellent wear and abrasion resistance, high 21 cut and tear resistance.
  - **Nitrile Rubber**: NTS 065 White FG - Nitrile rubber, oil and fat resistant, synthetic rubber, food quality.
  - **Nitrile Rubber**: NTS 060 Black - Nitrile rubber, very good wear and abrasion resistance under high temperatures, oil and fat resistance.
  - **Nitrile Rubber**: NTS 070 Green - Nitrile rubber, oil and fat resistant, good grip, light fabric texture surface, good wear and abrasion resistance.
  - **Nitrile Rubber**: CXS 065 C37 Blue - Nitrile rubber, high wear and abrasion resistant, oil and fat resistance, C37 supergrip profile.
  - **Nitrile Rubber**: SRS 040 C37 Tan - Synthetic rubber, high wear and abrasion resistance, sensitive grip, C37 supergrip profile.
  - **Nitrile Rubber**: SRS 040 N19 White - Synthetic rubber, good wear and abrasion resistance, good grip, N19 nipple profile.
## Covering Materials: PU & PVC

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Hardness [° ShA]</th>
<th>Density [pound/ft³]</th>
<th>Color</th>
<th>Max. Contact temperature [°C/F]</th>
<th>Oil and Fat Resistance</th>
<th>Static coeff. of friction to steel</th>
<th>Food Grade</th>
<th>Pulley factor</th>
<th>Standard thickness [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUS 060 Blue/Black</td>
<td>Polyurethane</td>
<td>60</td>
<td>71.8</td>
<td>blue, black</td>
<td>80/176</td>
<td>good</td>
<td>0.9</td>
<td>no</td>
<td>25</td>
<td>2.5</td>
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<tr>
<td>PUS 080 Transparent</td>
<td>Polyurethane</td>
<td>80</td>
<td>69.3</td>
<td>transp.</td>
<td>80/176</td>
<td>good</td>
<td>0.8</td>
<td>no</td>
<td>30</td>
<td>1, 2, 3, 4</td>
</tr>
<tr>
<td>PUS 085 Blue AM FG</td>
<td>Polyurethane, TPU Ropany</td>
<td>85</td>
<td>76.8</td>
<td>blue</td>
<td>80/176</td>
<td>excellent</td>
<td>0.6</td>
<td>yes</td>
<td>30</td>
<td>1.5</td>
</tr>
<tr>
<td>PUS 085 A16 Blue AM FG</td>
<td>Polyurethane, TPU Ropany</td>
<td>85</td>
<td>53.7</td>
<td>blue</td>
<td>80/176</td>
<td>excellent</td>
<td>na</td>
<td>yes</td>
<td>20</td>
<td>2.5</td>
</tr>
<tr>
<td>PUS 085 A5 Blue FG</td>
<td>Polyurethane</td>
<td>85</td>
<td>59.3</td>
<td>blue</td>
<td>80/176</td>
<td>excellent</td>
<td>na</td>
<td>yes</td>
<td>15</td>
<td>3.5</td>
</tr>
<tr>
<td>PUS 092 White</td>
<td>Polyurethane</td>
<td>92</td>
<td>81.2</td>
<td>white</td>
<td>80/176</td>
<td>excellent</td>
<td>0.6</td>
<td>no</td>
<td>30</td>
<td>2.3</td>
</tr>
<tr>
<td>PVS 030 P6 green/blue</td>
<td>PVC Flexam</td>
<td>80</td>
<td>62.4</td>
<td>white</td>
<td>80/176</td>
<td>good</td>
<td>0.4</td>
<td>no</td>
<td>25</td>
<td>2, 3, 4</td>
</tr>
<tr>
<td>PVS 035 blue</td>
<td>PVC Flexam</td>
<td>85</td>
<td>49.9</td>
<td>blue</td>
<td>90/194</td>
<td>limited</td>
<td>0.9</td>
<td>no</td>
<td>15</td>
<td>4</td>
</tr>
<tr>
<td>PVS 065 A24 White FG</td>
<td>PVC Nonex</td>
<td>65</td>
<td>41.2</td>
<td>white</td>
<td>90/194</td>
<td>good</td>
<td>na</td>
<td>yes</td>
<td>18</td>
<td>4</td>
</tr>
<tr>
<td>PVS 065 A13 White</td>
<td>PVC Nonex</td>
<td>65</td>
<td>83.0</td>
<td>blue, white</td>
<td>90/194</td>
<td>good</td>
<td>0.7</td>
<td>yes</td>
<td>25</td>
<td>2, 3, 4</td>
</tr>
<tr>
<td>PVC 065 P13 white</td>
<td>PVC Nonex</td>
<td>65</td>
<td>46.8</td>
<td>white</td>
<td>90/194</td>
<td>good</td>
<td>na</td>
<td>yes</td>
<td>18</td>
<td>4</td>
</tr>
</tbody>
</table>

**PU & PVC**

- **PUS 060 Blue/Black**: Polyurethane, high grip, flexible, very tough, embossing possible
- **PUS 080 Transparent**: Polyurethane, high grip, high abrasion resistance, cut and tear resistance, embossing possible
- **PUS 085 Blue AM FG**: Polyurethane, good abrasion resistance, excellent oil and fat resistance, antimicrobial, food quality
- **PUS 085 A16 Blue AM FG**: Polyurethane, good abrasion resistance, excellent oil and fat resistance, antimicrobial, A16 profile
- **PUS 085 A5 Blue FG**: Polyurethane, good abrasion resistance, excellent oil and fat resistance, A5 nipple profile
- **PUS 092 White**: Polyurethane, excellent abrasion resistance, good oil and fat resistance
- **PUS 080/BS White**: Polyurethane, excellent cut and wear resistant, good oil and chemical resistance
- **PVS 030 P6 Green/Blue**: PVC, good chemical resistance, high grip, P6 supergrip profile
- **PVS 030 P7 Blue**: PVC, good chemical resistance, high grip, P7 minigrip profile
- **PVS 035 Blue**: PVC, high grip, limited oil and grease resistance, embossing possible
- **PVS 065 A24 White FG**: PVC, good oil and grease resistance, good chemical resistance, herringbone profile
- **PVS 065 A13 White**: PVC, good oil and grease resistance, good chemical resistance, sawtooth profile
Covering Materials: Cellular

<table>
<thead>
<tr>
<th>Cellular</th>
<th>NRS 160 Grey/Orange</th>
<th>Natural rubber, open cellular construction, high resilience, high elasticity and porosity, compressible</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>PUS 220 Blue</strong></td>
<td>Polyurethane, low density partially closed cellular construction, good oil and fat resistance</td>
</tr>
<tr>
<td></td>
<td>NRS 200 Black</td>
<td>Natural rubber, open cellular construction, high grip, high resilience, high elasticity and porosity, compressible</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 300 Green</strong></td>
<td>Polyurethane, medium density partially closed cellular construction, good abrasion resistance</td>
</tr>
<tr>
<td></td>
<td>NRS 250 Orange</td>
<td>Natural rubber, open cellular construction, non-marking, high resilience, high elasticity and porosity</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 400 Brown</strong></td>
<td>Polyurethane, high density partially closed cellular construction, good abrasion resistance</td>
</tr>
<tr>
<td></td>
<td>NRS 270 Green</td>
<td>Natural rubber, open cellular construction, high grip, non-marking, high resilience</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 400 Beige</strong></td>
<td>Polyurethane, high density closed cellular construction, excellent wear resistance</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 600 Yellow</strong></td>
<td>Polyurethane, very high density fully closed cellular construction, good wear and abrasion resistance</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Covering Materials: Cellular</th>
<th>NRS 160 Grey/orange</th>
<th>Natural rubber, open cellular - 9.99 orange, grey 65/149 low 1.0 no 6 5, 10, 15, 20, 25, 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>PUS 220 Blue</strong></td>
<td>Polyurethane, low density partially closed cellular construction, good oil and fat resistance</td>
</tr>
<tr>
<td></td>
<td>NRS 200 Black</td>
<td>Natural rubber, open cellular - 12.5 black 65/149 low 1.0 no 6 3, 5, 8, 10, 15</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 300 Green</strong></td>
<td>Polyurethane, medium density partially closed cellular construction, good abrasion resistance</td>
</tr>
<tr>
<td></td>
<td>NRS 250 Orange</td>
<td>Natural rubber, open cellular - 15.6 orange 65/149 low 1.0 no 8 5, 10, 15, 20, 25, 30</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 400 Brown</strong></td>
<td>Polyurethane, high density partially closed cellular construction, good abrasion resistance</td>
</tr>
<tr>
<td></td>
<td>NRS 270 Green</td>
<td>Natural rubber, open cellular - 16.9 green 65/149 low 1.0 no 8 5, 10, 15</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 400 Beige</strong></td>
<td>Polyurethane, high density closed cellular construction, excellent wear resistance</td>
</tr>
<tr>
<td></td>
<td>NES 290 Black</td>
<td>Neoprene rubber, closed cellular construction, very high grip, good oil and chemical resistance</td>
</tr>
<tr>
<td></td>
<td><strong>PUS 600 Yellow</strong></td>
<td>Polyurethane, very high density fully closed cellular construction, good wear and abrasion resistance</td>
</tr>
<tr>
<td></td>
<td><strong>FBS 160 Blue</strong></td>
<td>Closed cellular neoprene rubber covered by premium stretch fabric, low friction surface</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Hardness (°ShA)</th>
<th>Density/Lb/cu ft</th>
<th>Color</th>
<th>Max. Contact temperature °C/°F</th>
<th>Oil and fat resistance</th>
<th>Static coeff. of friction to steel</th>
<th>Food grade</th>
<th>Pulley factor</th>
<th>Standard thickness mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRS 160</td>
<td>natural rubber, open cellular</td>
<td>-</td>
<td>9.99</td>
<td>orange, grey</td>
<td>65/149</td>
<td>low</td>
<td>1.0</td>
<td>no</td>
<td>6</td>
<td>5, 10, 15, 20, 25, 30</td>
</tr>
<tr>
<td>NRS 200</td>
<td>natural rubber, open cellular</td>
<td>-</td>
<td>12.5</td>
<td>black</td>
<td>65/149</td>
<td>low</td>
<td>1.0</td>
<td>no</td>
<td>6</td>
<td>3, 5, 8, 10, 15</td>
</tr>
<tr>
<td>NRS 250</td>
<td>natural rubber, open cellular</td>
<td>-</td>
<td>15.6</td>
<td>orange</td>
<td>65/149</td>
<td>low</td>
<td>1.0</td>
<td>no</td>
<td>8</td>
<td>5, 10, 15, 20, 25, 30</td>
</tr>
<tr>
<td>NRS 270</td>
<td>natural rubber, open cellular</td>
<td>-</td>
<td>16.9</td>
<td>green</td>
<td>65/149</td>
<td>low</td>
<td>1.0</td>
<td>no</td>
<td>8</td>
<td>5, 10, 15</td>
</tr>
<tr>
<td>NES 290</td>
<td>neoprene rubber, closed cellular</td>
<td>-</td>
<td>18.1</td>
<td>black</td>
<td>85/185</td>
<td>good</td>
<td>1.3</td>
<td>no</td>
<td>10</td>
<td>5, 5, 7, 10, 15, 13, 30</td>
</tr>
<tr>
<td>FBS 160</td>
<td>fabric covered cellular neoprene</td>
<td>-</td>
<td>9.99</td>
<td>blue</td>
<td>70/158</td>
<td>good</td>
<td>0.3</td>
<td>no</td>
<td>15</td>
<td>3, 6</td>
</tr>
<tr>
<td>PUS 220</td>
<td>cellular polyurethane</td>
<td>-</td>
<td>13.7</td>
<td>blue</td>
<td>70/158</td>
<td>good</td>
<td>0.5</td>
<td>no</td>
<td>12</td>
<td>5, 7, 11, 12, 14, 25</td>
</tr>
<tr>
<td>PUS 300</td>
<td>cellular polyurethane</td>
<td>-</td>
<td>18.7</td>
<td>green</td>
<td>70/158</td>
<td>good</td>
<td>0.5</td>
<td>no</td>
<td>14</td>
<td>4, 5, 7, 10, 11, 12, 14, 25</td>
</tr>
<tr>
<td>PUS 400</td>
<td>cellular polyurethane</td>
<td>-</td>
<td>25.0</td>
<td>brown</td>
<td>70/158</td>
<td>good</td>
<td>0.5</td>
<td>no</td>
<td>15</td>
<td>3, 5, 11, 12, 14, 25</td>
</tr>
<tr>
<td>PUS 400</td>
<td>cellular polyurethane</td>
<td>-</td>
<td>25.0</td>
<td>beige</td>
<td>80/176</td>
<td>good</td>
<td>0.3</td>
<td>no</td>
<td>16</td>
<td>1, 2, 3, 4, 5, 6</td>
</tr>
<tr>
<td>PUS 600</td>
<td>micro cellular polyurethane</td>
<td>50</td>
<td>37.5</td>
<td>yellow</td>
<td>70/158</td>
<td>excellent</td>
<td>0.4</td>
<td>no</td>
<td>20</td>
<td>2, 3, 4, 5, 6, 8, 10</td>
</tr>
</tbody>
</table>
# Covering Materials: Special

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Hardness (° ShA)</th>
<th>Density (pound/ft³)</th>
<th>Color</th>
<th>Max. Contact temperature [°C/F]</th>
<th>Oil and Fat Resistance</th>
<th>Static Coef. of Friction to Steel</th>
<th>Food Grade</th>
<th>Pulley Factor</th>
<th>Standard thickness [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRS 060 Blue/Red</td>
<td>thermoplastic technopolymer</td>
<td>60</td>
<td>64.3</td>
<td>blue, red</td>
<td>80/176</td>
<td>good</td>
<td>0.9</td>
<td>no</td>
<td>25</td>
<td>2.3</td>
</tr>
<tr>
<td>CLS 925 Grey</td>
<td>chrome leather</td>
<td>-</td>
<td>58.1</td>
<td>grey</td>
<td>80/176</td>
<td>excellent</td>
<td>0.8</td>
<td>no</td>
<td>30</td>
<td>3</td>
</tr>
<tr>
<td>NPS 055 Brown/White</td>
<td>needle punched polyester fabric</td>
<td>-</td>
<td>35.0</td>
<td>brown, white</td>
<td>80/176</td>
<td>good</td>
<td>0.3</td>
<td>no</td>
<td>25</td>
<td>2.5 (white: 2)</td>
</tr>
<tr>
<td>PES 999 Grey</td>
<td>polyester fabric</td>
<td>-</td>
<td>87.4</td>
<td>grey</td>
<td>80/176</td>
<td>good</td>
<td>0.3</td>
<td>no</td>
<td>25</td>
<td>2.0</td>
</tr>
<tr>
<td>PAS 778 Green</td>
<td>nylon fabric</td>
<td>-</td>
<td>13.7</td>
<td>green</td>
<td>80/176</td>
<td>good</td>
<td>0.3</td>
<td>no</td>
<td>-</td>
<td>0.5</td>
</tr>
<tr>
<td>PLS 035 Red</td>
<td>Pletex poly blend</td>
<td>35</td>
<td>86.5</td>
<td>red</td>
<td>90/194</td>
<td>limited</td>
<td>0.9</td>
<td>no</td>
<td>20</td>
<td>2.3, 3, 4</td>
</tr>
<tr>
<td>AMS 090 A16 Ivory</td>
<td>Amtel polyester</td>
<td>90</td>
<td>28.1</td>
<td>ivory</td>
<td>100/212</td>
<td>excellent</td>
<td>na</td>
<td>yes</td>
<td>30</td>
<td>2.5</td>
</tr>
<tr>
<td>SIS 060 Blue</td>
<td>silicone rubber</td>
<td>60</td>
<td>99.9</td>
<td>blue</td>
<td>220/428</td>
<td>good</td>
<td>0.6</td>
<td>no</td>
<td>17</td>
<td>32, 50, 70</td>
</tr>
<tr>
<td>SIS 040 light blue/white</td>
<td>silicone rubber Silam</td>
<td>40</td>
<td>69.9</td>
<td>blue, white</td>
<td>250/482</td>
<td>excellent</td>
<td>1.3</td>
<td>yes</td>
<td>15</td>
<td>1.10</td>
</tr>
<tr>
<td>ELS 060 Green</td>
<td>Elastonyl technopolymer</td>
<td>60</td>
<td>66.2</td>
<td>green</td>
<td>80/176</td>
<td>good</td>
<td>0.9</td>
<td>no</td>
<td>25</td>
<td>2.4</td>
</tr>
<tr>
<td>KFS 999 Yellow*</td>
<td>Aramid felt</td>
<td>-</td>
<td>20.0</td>
<td>yellow</td>
<td>480/896</td>
<td>good</td>
<td>0.3</td>
<td>no</td>
<td>na</td>
<td>10</td>
</tr>
</tbody>
</table>

* also available PBO felt +600°C/1112°F, Nomex felt + 280°C/536°F, Polyester felt +180°C/356°F
A solution for every application

Engineered Belts can be found performing a wide variety of tasks in many different industries. Each belt is specialized to meet specific needs.

**Feeder belts**

Many folder gluer machines in the corrugated industry have feeder belts from Ammeraal Beltech to feed the corrugated box dies. Our Ultrafeed 500 cover, with its exceptional friction and wear resistance, gives our feeder belts excellent performance and a long service life. In addition, our food-approved belt covers meet FDA/EC regulations.

**Product benefits:**
- Consistent feeding of the corrugated box dies to improve productivity and yield
- Non-marking covers to help reduce waste and scrap
- Reduced maintenance costs due to long service life
- FDA/EC approved feeder belt covers that meet government and customer demands for food safety

**Sausage belts**

In the meat industry, food safety is key. With our blue food-approved antimicrobial sausage belt covers, you are ready to meet and exceed the most challenging food safety demands.

**Product benefits:**
- Constant product feed due to the excellent soft grip of our Silam covers, even in cold, greasy circumstances
- Highly flexible cover ensuring maximum productivity and belt life, even at reduced ambient temperatures
- Reduced damage to the sausages due to gentle linking process and continuous transport
- Antimicrobial properties to support your HACCP program, and sealed edges to protect belt reinforcement and eradicate possible product contamination

**Haul-off and cable-pulling belts**

Haul-off and cable-pulling belts, designed to operate in pairs on caterpillars, are precision-made to exact specifications. The hardness, thickness and friction properties of the covers combine to deliver excellent pulling/clamping force ratio, and their special wear-resistance and low-aging qualities ensure a long service life.

**Product benefits:**
- Equal thickness of belt pair over entire length for reliable uniformity of speed
- A wide range of covers offering different hardness and friction coefficients
- Longitudinal profiles for better fit-grip
- Heat and chemical-resistant covers for particularly demanding applications
- Different base belts available, including Poly-V, flat belts and timing belts
Top-compression and seam-compression belts for the corrugated industry

After folded boxes have been glued, top-compression and seam-compression belts hold them carefully in place during transport and drying. The weight of the belt holds the boxes down and the soft thick belt cover adapts to the shape of any folded box, large or small. What's more, our belts have been specially constructed from non-marking flexible materials to carefully compress boxes in order to preserve product quality.

Product benefits:
• Belt adapts to the size and shape of your product for better compression
• Soft and compressible top cover to reduce product damage
• EU and FDA compliant food grade top covers available
• Available with a truly endless top cover for improved belt performance

Belts for the sanitary paper industry

Belts for the sanitary paper industry are designed to strict job specifications. Products such as diapers and sanitary pads are assembled with high precision on moving belts at speeds up to 400 meters per minute. These positive drive belts are key to the synchronous assembly lines used for these products. The high-friction covers, together with the vacuum that is applied, hold the product in place while it is assembled, cut, folded and packed.

Product benefits:
• No product slip, thanks to vacuum feature and high friction covers, for maximum efficiency
• Excellent running properties at high speeds for greater productivity
• Precise product positioning for smoothest possible workflow
• Available with non-stick silicone cover

Pull-down Belts

Vertical form-fill & seal (VFFS) bagging machines are widely used, particularly in the food and chemical industries. Typical products that are packed using this equipment are sweets, cheese, coffee, deep-freeze products, chemicals, sand and soil, and small plastic products.

The function of the pull-down belts is to consistently move a plastic film (wrapped around a steel tube) downwards in a controlled start-stop movement. This is a demanding application and requires high-performance belts with friction covers that are both wear-resistant and tear-resistant. Our pull-down belts are ideal for this work, and they're all non-marking and machined specifically to fit the task they perform.

Product benefits:
• Constant and secure foil pull
• Non-marking belt covers to safeguard product quality
• Wear resistant belt surface for a longer service life
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 171728 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-ja@ammeraalbeltech.com

Luxembourg
T +352 386 66 137
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 34 47 22 178
info-pl@ammeraalbeltech.com

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

Singapore
T +65 6723 9767
info-sg@ammeraalbeltech.com

Slovakia
T +421 2 5564 8541
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 55 225 35 35
info-ch@ammeraalbeltech.com

Thailand
T +66 2 902 2604-13
info-th@ammeraalbeltech.com

Turkey
T +90 212 877 0700
info-tr@ammeraalbeltech.com

United Kingdom
T +44 1992 500 550
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

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