**siegling prolink**

modular belts

**SERIES 10**

Straight running belts
Pitch 25.4 mm (1 in)
Siegling prolinc
modular belts

SERIES 10 | OVERVIEW
Straight running belts | Pitch 25.4 mm (1 in)

Belts for light to medium-duty hygiene-critical applications

**Available surface pattern and opening area**

- **S10-0 FLT**
  - Closed, smooth surface

- **S10-0 NTP**
  - Closed surface with round studs

- **S10-0 FRT1**
  - Closed surface with friction top

- **S10-22 FLT**
  - Open (22%), smooth surface

- **S10-36 LRB**
  - Open (36%) surface and lateral ribbing

- **S10-36 FLT**
  - Open (36%), smooth surface

**Design characteristics**

- Small number of eyelets ensures easy cleaning
- Hinges that open wide, combined with smooth, flat channels on the underside and a continuous drive bar produce an easy-to-clean design
- Robust design guarantees superior durability
- Optimal design of sprocket teeth and tracking fins provides superior sprocket engagement, safe belt tracking and an easy-to-clean sprocket

**Basic data**

- **Pitch**: 25.4 mm (1 in)
- **Belt width min.**: 38.1 mm (1.5 in)
- **Width increments**: 19.05 mm (0.75 in)
- **Hinge pins**: 5 mm (0.2 in) made of plastic (PE, PP, PBT)

**Sprockets**

- in different sizes with round or square sprocket bore

**Profiles**

- in different heights and designs for inclines

**Side guards**

- in different heights for retention of bulk products

**Hold Down Tabs**

- Hold Down Tabs for additional guiding

NSF-compliant from these certified Forbo plants:
Huntersville (USA), Malacky (Slovakia), NSW (Australia),
Tlalnepantla (Mexico), Saint-Petersburg (Russia),
Shizuoka (Japan), Maharashtra (India)
S10-0 FLT | 0 % Opening | Flat top

Closed, smooth surface | Flat top surface

Belt dimensions

<table>
<thead>
<tr>
<th>Pitch</th>
<th>Pin Ø</th>
<th>Thickness [mm]</th>
<th>Pin position [mm]</th>
<th>Height [mm]</th>
<th>Width min. [mm]</th>
<th>Width increment [mm]</th>
<th>Width tolerance [%]</th>
<th>r1</th>
<th>r2</th>
<th>r3</th>
<th>r4</th>
<th>r5</th>
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<td>10.2</td>
<td>5.1</td>
<td>0.0</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
<td>–</td>
<td>25.4</td>
<td>50.8</td>
<td>76.2</td>
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<td>0.2</td>
<td>0.4</td>
<td>0.2</td>
<td>0.0</td>
<td>1.5</td>
<td>0.75</td>
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Available standard materials

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<th>Color</th>
<th>Material</th>
<th>Color</th>
<th>Pin</th>
<th>Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm]</th>
<th>Weight [kg/m²]</th>
<th>Weight deviation [%]</th>
<th>Temperature [°C]</th>
<th>Certificates</th>
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<td>-94/-149</td>
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<td>BL</td>
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Mold to order belts

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<th>Material</th>
<th>Color</th>
<th>Pin</th>
<th>Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm]</th>
<th>Weight [kg/m²]</th>
<th>Weight deviation [%]</th>
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Mold to width available in: 76 mm (3.0 in), 229 mm (9.0 in), 152 mm (6.0 in)

* Values valid for dry applications (RH <50%). Belts in PA material will absorb water in wet environments, causing them to expand and reduce the nominal belt pull capacity.

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off.

1 Flex radii: r1 = side flex, r2 = front flex on roller, r3 = back flex on load bearing roller, r4 = back flex on Hold Down shoe, r5 = back flex on roller

2 Complies with FDA 21 CFR

3 Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds

4 More materials and colors on request

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SERIES 10 | BELT TYPES
Straight running belt | Pitch 25.4 mm (1 in)

Siegling ProLink Modular Belts
S10-0 NTP | 0 % Opening | Nub top (round studs)

Closed surface with round studs 9% contact area | Version available without round studs at the side (38 mm indent)

Belt dimensions

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<th>h_m</th>
<th>h_min</th>
<th>h</th>
<th>W_min</th>
<th>W_inc</th>
<th>W_tol</th>
<th>Minimum flex radii</th>
<th>r1</th>
<th>r2</th>
<th>r3</th>
<th>r4</th>
<th>r5</th>
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<td>Pin Ø</td>
<td>Thickness [mm]</td>
<td>Pin position [mm]</td>
<td>Height [mm]</td>
<td>Width min. [mm]</td>
<td>Width Increment [mm]</td>
<td>Width tolerance [%]</td>
<td></td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
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<tr>
<td>mm</td>
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<td>10.2</td>
<td>5.1</td>
<td>2.5</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
<td>–</td>
<td>25.4</td>
<td>50.8</td>
<td>76.2</td>
<td>25.4</td>
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<tr>
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<td>1.0</td>
<td>0.2</td>
<td>0.4</td>
<td>0.2</td>
<td>0.1</td>
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<td>0.75</td>
<td>±0.2</td>
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Available standard materials

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<th>Nominal belt pull, straight [N/mm]</th>
<th>Weight [kg/m²]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C]</th>
<th>Temperature [°F]</th>
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<td>Color</td>
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<td>[lb/ft²]</td>
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<td>-70/65</td>
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<td>PE WT</td>
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<td>411</td>
<td>5.5</td>
<td>1.13</td>
<td>0.0</td>
<td>-70/65</td>
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<td>PBT UC</td>
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<td>1370</td>
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<td>1.68</td>
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<td>-45/90</td>
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<td>PP-MD BL</td>
<td>PP-MD BL</td>
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<td>548</td>
<td>5.4</td>
<td>1.11</td>
<td>0.26</td>
<td>5/100</td>
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<tr>
<td>PE-MD BL</td>
<td>POM-MD BL</td>
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<td>411</td>
<td>6.5</td>
<td>1.33</td>
<td>0.0</td>
<td>-70/65</td>
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</table>

Also available with molded indent 38 mm (1.5 in)

Mold to width available in: 229 mm (9.0 in)

Available standard materials:

- PE WT
- PE LB
- POM WT
- POM LB
- PP-MD BL
- PE-MD BL
- POM-MD BL

Additional information:

- BL (Blue), LB (Light blue), UC (Uncolored), WT (White)
- All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off.
- Flex radii: r1 = side flex, r2 = front flex on roller, r3 = back flex on load bearing roller, r4 = back flex on Hold Down shoe, r5 = back flex on roller
- Complies with FDA 21 CFR
- Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds
- More materials and colors on request
S10-0 FRT1 | 0 % Opening | Friction top (Design 1)

Closed surface with flat integrated friction pads (FRT1) for high grip | 67 % contact area | Version available without FRT1 structure at the side (38 mm indent)

Belt dimensions

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<th>Pitch</th>
<th>Pin Ø</th>
<th>Thickness [mm]</th>
<th>Pin position [mm]</th>
<th>Height [mm]</th>
<th>Width min. [mm]</th>
<th>Width increment [mm]</th>
<th>Width tolerance [%]</th>
<th>Minimum flex radius</th>
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</thead>
<tbody>
<tr>
<td>mm</td>
<td>25.4</td>
<td>5.0</td>
<td>10.2</td>
<td>5.1</td>
<td>2.0</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
<td>–</td>
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<tr>
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<td>0.08</td>
<td>1.5</td>
<td>0.75</td>
<td>±0.2</td>
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Available standard materials

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<td>WT</td>
<td>PP</td>
<td>WT</td>
<td>R7</td>
<td>BG</td>
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<td>1.29</td>
<td>0.26</td>
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<td>41/212</td>
<td>FDA/G</td>
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<td>LB</td>
<td>PP</td>
<td>WT</td>
<td>R7</td>
<td>BK</td>
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<td>6.3</td>
<td>1.29</td>
<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
<td>FDA/G</td>
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<td>PP</td>
<td>WT</td>
<td>R7</td>
<td>BL</td>
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<td>1.29</td>
<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
<td>FDA/G</td>
</tr>
</tbody>
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Mold to width available in: 229 mm (9.0 in)

Also available with molded indent 38 mm (1.5 in)

Mold to width available in: 229 mm (9.0 in)

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”.

All imperial dimensions (inches) are rounded off.

1) Flex radii: r1 = side flex, r2 = front flex on roller, r3 = back flex on load bearing roller, r4 = back flex on Hold Down shoe, r5 = back flex on roller
2) Complies with FDA 21 CFR
3) Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds
4) More materials and colors on request
## SERIES 10 | BELT TYPES

Straight running belt | Pitch 25.4 mm (1 in)

### S10-22 FLT | 22 % Opening | Flat top

Open area (22%) for excellent air circulation and drainage | Smooth surface | 70 % contact area (Largest opening: 2.6 x 5.3 mm/0.10 x 0.21 in)

![Diagram of belt dimensions and variants](image)

### Belt dimensions

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<tr>
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<th>dpin</th>
<th>hm</th>
<th>hpin</th>
<th>Wmin</th>
<th>Winc</th>
<th>Wtol</th>
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<td>0.0</td>
<td>38.1</td>
<td>19.1</td>
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### Available standard materials

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<th>Pin</th>
<th>Material</th>
<th>Color</th>
<th>Nominal belt pull, straight</th>
<th>Weight</th>
<th>Width deviation [%]</th>
<th>Temperature [°C]</th>
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<td>PE</td>
<td>WT</td>
<td>PE</td>
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<td>WT</td>
<td>PP</td>
<td>WT</td>
<td>PP</td>
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<td>-49/-194</td>
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<td>LB</td>
<td>PBT</td>
<td>UC</td>
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<td>754</td>
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<td>1.37</td>
<td>0.0</td>
<td>-45/-90</td>
<td>-49/-194</td>
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<td>PP-MD</td>
<td>BL</td>
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<td>1.0</td>
<td>0.0</td>
<td>5/100</td>
<td>41/212</td>
</tr>
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</table>

Mold to order belts

- PE-MD
- POM-MD

- BL (Blue), LB (Light blue), UC (Uncolored), WT (White)

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 "Temperature influence". All imperial dimensions (inches) are rounded off.

1) Flex radii: r1 = side flex, r2 = front flex on roller, r3 = back flex on load bearing roller, r4 = back flex on Hold Down shoe, r5 = back flex on roller
2) Complies with FDA 21 CFR
3) Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds
4) More materials and colors on request

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Mold to width available in: 76 mm (3.0 in), 229 mm (9.0 in)
SERIES 10 | BELT TYPES
Straight running belt | Pitch 25.4 mm (1 in)

S10-36 FLT | 36 % Opening | Flat top

Open area (36%) for excellent air circulation and drainage | Smooth surface | 44 % contact area (Largest opening: 5.8 x 13.4 mm/0.23 x 0.53 in)

**Belt dimensions**

<table>
<thead>
<tr>
<th>Pitch (mm)</th>
<th>Pin Ø (mm)</th>
<th>Thickness (mm)</th>
<th>Pin position (mm)</th>
<th>Height (mm)</th>
<th>Min. Width (mm)</th>
<th>Increment (mm)</th>
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<tr>
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**Available standard materials**

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<th>Nominal belt pull, straight (N/mm)</th>
<th>Weight (kg/m²)</th>
<th>Weight deviation (%)</th>
<th>Temperature [°C]</th>
<th>FDA/EC</th>
<th>Certificates</th>
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<td>4.4</td>
<td>0.9</td>
<td>5/100</td>
<td>41/212</td>
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<td>POM WT/LB</td>
<td>POM</td>
<td>13</td>
<td>891</td>
<td>6.2</td>
<td>1.27</td>
<td>-45/90</td>
<td>-49/194</td>
<td></td>
</tr>
<tr>
<td>PA* BL</td>
<td>POM-M</td>
<td>13</td>
<td>891</td>
<td>6.0</td>
<td>1.23</td>
<td>-40/120</td>
<td>-40/248</td>
<td></td>
</tr>
</tbody>
</table>

**Mold to order belts**

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Nominal belt pull, straight (N/mm)</th>
<th>Weight (kg/m²)</th>
<th>Weight deviation (%)</th>
<th>Temperature [°C]</th>
<th>FDA/EC</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>POM-MD BL</td>
<td>POM-M</td>
<td>13</td>
<td>891</td>
<td>6.6</td>
<td>1.35</td>
<td>-45/90</td>
<td>-49/194</td>
</tr>
</tbody>
</table>

* Values valid for dry applications (RH <50%). Belts in PA material will absorb water in wet environments, causing them to expand and reduce the nominal belt pull capacity.

**Attention!** Due to the very large surface openings, personnel must be instructed not to place their fingers in or on this belt.

---

**BL (Blue), LB (Light blue), UC (Uncolored), WT (White)**

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off.

1 Flex radii: r1 = side flex, r2 = front flex on roller, r3 = back flex on load bearing roller, r4 = back flex on Hold Down shoe, r5 = back flex on roller
2 Complies with FDA 21 CFR
3 Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds
4 More materials and colors on request
S10-36 LRB | 36 % Opening | Lateral rib

Open area (36%) for excellent air circulation and drainage | Lateral ribbing 12 % contact area (Largest opening: 5.8 x 13.4 mm/ 0.23 x 0.53 in) | open area lateral rib version for small inclines and gentle conveying of delicate products

Belt dimensions

<table>
<thead>
<tr>
<th>Pitch</th>
<th>Pin Ø</th>
<th>Thickness [mm]</th>
<th>Pin position [mm]</th>
<th>Height [mm]</th>
<th>Width min. [mm]</th>
<th>Width Increment [mm]</th>
<th>Width tolerance [%]</th>
<th>r1 [mm]</th>
<th>r2 [mm]</th>
<th>r3 [mm]</th>
<th>r4 [mm]</th>
<th>r5 [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>25.4</td>
<td>5.0</td>
<td>10.2</td>
<td>5.1</td>
<td>4.9</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
<td>–</td>
<td>25.4</td>
<td>50.8</td>
<td>76.2</td>
</tr>
<tr>
<td>inch</td>
<td>1.0</td>
<td>0.2</td>
<td>0.4</td>
<td>0.2</td>
<td>0.19</td>
<td>1.5</td>
<td>0.75</td>
<td>±0.2</td>
<td>–</td>
<td>1.0</td>
<td>2.0</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Available standard materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Pin</th>
<th>Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm]</th>
<th>[lb/ft]</th>
<th>Weight [kg/m²]</th>
<th>[lb/ft²]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C]</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE</td>
<td>WT</td>
<td>PE</td>
<td>PE</td>
<td>WT</td>
<td>274</td>
<td>4.8</td>
<td>1.9</td>
<td>1.19</td>
<td>0.0</td>
<td>-70/65</td>
<td>FDA/EU</td>
</tr>
<tr>
<td>PE</td>
<td>LB</td>
<td>PE</td>
<td>WT</td>
<td>WT</td>
<td>274</td>
<td>4.8</td>
<td>1.9</td>
<td>1.19</td>
<td>0.0</td>
<td>-70/65</td>
<td>FDA/EU</td>
</tr>
<tr>
<td>PP</td>
<td>WT</td>
<td>PP</td>
<td>WT</td>
<td>WT</td>
<td>411</td>
<td>4.9</td>
<td>1.0</td>
<td>1.0</td>
<td>0.26</td>
<td>5/100</td>
<td>FDA/EU</td>
</tr>
<tr>
<td>PP</td>
<td>LB</td>
<td>PP</td>
<td>WT</td>
<td>WT</td>
<td>411</td>
<td>4.9</td>
<td>1.0</td>
<td>1.0</td>
<td>0.26</td>
<td>5/100</td>
<td>FDA/EU</td>
</tr>
<tr>
<td>POM</td>
<td>WT</td>
<td>PBT</td>
<td>UC</td>
<td>UC</td>
<td>891</td>
<td>7.6</td>
<td>1.56</td>
<td>1.56</td>
<td>0.0</td>
<td>-45/90</td>
<td>FDA/EU</td>
</tr>
<tr>
<td>POM</td>
<td>LB</td>
<td>PBT</td>
<td>UC</td>
<td>UC</td>
<td>891</td>
<td>7.6</td>
<td>1.56</td>
<td>1.56</td>
<td>0.0</td>
<td>-45/90</td>
<td>FDA/EU</td>
</tr>
</tbody>
</table>

Mold to width available in: 229 mm (9.0 in)

**Notes:**
- LB (Light blue), UC (Uncolored), WT (White)
- All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”.
- All imperial dimensions (inches) are rounded off.
- Flex radii: r1 = side flex, r2 = front flex on roller, r3 = back flex on load bearing roller, r4 = back flex on Hold Down shoe, r5 = back flex on roller
- Complies with FDA 21 CFR
- Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds
- More materials and colors on request
S10 SPR | Sprockets

Optimal design of sprocket teeth and tracking fins provides superior sprocket engagement, safe belt tracking and an easy-to-clean sprocket.

---

### Main dimensions

<table>
<thead>
<tr>
<th>Sprocket size (Number of teeth)</th>
<th>Z6</th>
<th>Z8</th>
<th>Z10</th>
<th>Z12</th>
<th>Z15</th>
<th>Z16</th>
<th>Z18</th>
<th>Z20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>W_{spr}</strong> (mm)</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
<td>28.0</td>
</tr>
<tr>
<td><strong>D_0</strong> (mm)</td>
<td>51.4</td>
<td>66.8</td>
<td>82.4</td>
<td>98.2</td>
<td>122.4</td>
<td>130.4</td>
<td>146.4</td>
<td>162.5</td>
</tr>
<tr>
<td><strong>A_{max}</strong> (mm)</td>
<td>19.8</td>
<td>27.9</td>
<td>35.9</td>
<td>43.9</td>
<td>56.0</td>
<td>60.0</td>
<td>68.1</td>
<td>76.1</td>
</tr>
<tr>
<td><strong>A_{min}</strong> (mm)</td>
<td>17.2</td>
<td>25.8</td>
<td>34.1</td>
<td>42.4</td>
<td>54.8</td>
<td>58.9</td>
<td>67.0</td>
<td>75.2</td>
</tr>
</tbody>
</table>

**Shaft bores** (● = Round, ■ = Square)

| 25 mm                          | ● | ● | ■ | ■ |
| 30 mm                          | ● | ● | ● | ● | ● | ● | ● |
| 40 mm                          | ● | ● | ● | ● | ● | ● | ● | ● |
| 60 mm                          | ● | ● | ● | ● | ● | ● | ● |
| 1 inch                         | ● | ● | ■ | ● | ● | ● | ● |
| 1.25 inch                      | ● | ● | ● | ● | ● | ● | ● |
| 1.44 inch                      | ● | ● | ● | ● | ● | ● |
| 1.5 inch                       | ■ | ■ | ■ | ■ | ■ | ■ |
| 2.5 inch                       | ■ | ■ | ■ | ■ | ■ |

Material: PA, Color: LG

- LG (Light gray)

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off. For detailed sprocket and shaft dimensions see appendix 6.3.
S10-0 FLT PMU/S10-0 FLT PMU I38

Flat top surface for dry products

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Height (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>25 mm 1 inch</td>
</tr>
<tr>
<td>PE</td>
<td>LB</td>
<td>● ▲</td>
</tr>
<tr>
<td>PE</td>
<td>WT</td>
<td>● ▲</td>
</tr>
<tr>
<td>POM</td>
<td>LB</td>
<td>● ▲</td>
</tr>
<tr>
<td>POM</td>
<td>WT</td>
<td>● ▲</td>
</tr>
<tr>
<td>PP</td>
<td>LB</td>
<td>● ▲</td>
</tr>
<tr>
<td>PP</td>
<td>WT</td>
<td>● ▲</td>
</tr>
</tbody>
</table>

● = no indent, ▲ = with indent 38 mm

Molded width: 152 mm (6.0 in)

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 "Temperature influence".
All imperial dimensions (inches) are rounded off.
Note: Use of accessory in a belt may impact on the minimum design radii. Please see chapter 6.3 for further information.
S10-0 NCL PMU/S10-0 NCL PMU I38

No cling surface to improve release of wet and sticky products

**Basic data**

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Height (h)</th>
<th>25 mm 1 inch</th>
<th>100 mm 4 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE</td>
<td>LB</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>PE</td>
<td>WT</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>PE-MD</td>
<td>BL</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>POM</td>
<td>LB</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>POM</td>
<td>WT</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>POM-MD</td>
<td>BL</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>PP</td>
<td>LB</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
<tr>
<td>PP</td>
<td>WT</td>
<td>●▲</td>
<td>●▲</td>
<td>●▲</td>
</tr>
</tbody>
</table>

● = no indent, ▲ = with indent 38 mm

Molded width: 152 mm (6.0 in)

All measurements and tolerances apply at 21 °C, for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off.

Note: Use of accessory in a belt may impact on the minimum design radii. Please see chapter 6.3 for further information.
S10 SG | Side guards

For retention of bulk products

Basic data

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Height (h)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>25 mm 50 mm 75 mm 100 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 inch 2 inch 3 inch 4 inch</td>
</tr>
<tr>
<td>PE</td>
<td>LB</td>
<td>● ● ● ● ●</td>
</tr>
<tr>
<td>PE</td>
<td>WT</td>
<td>● ● ● ● ●</td>
</tr>
<tr>
<td>PE-MD</td>
<td>BL</td>
<td>● ● ● ● ●</td>
</tr>
<tr>
<td>PP</td>
<td>LB</td>
<td>● ● ● ● ●</td>
</tr>
<tr>
<td>PP</td>
<td>WT</td>
<td>● ● ● ● ●</td>
</tr>
</tbody>
</table>

Recommended running direction

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off.

Note: Use of accessory in a belt may impact on the minimum design radii. Please see chapter 6.3 for further information.
**S10 HDT | Hold Down Tabs**

Used on wider belts to prevent lift an swan neck conveyors | To improve strength, stability and cleanability they are moulded on a narrow module

---

**Basic data**

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>POM</td>
<td>LB</td>
</tr>
<tr>
<td></td>
<td>WT</td>
</tr>
</tbody>
</table>

Using Hold Down Tabs results in constraints with regards to sprocket and shaft size to ensure sufficient clearance to the shaft.

---

**Example**

![Example diagram](image)

**Sprocket options using HDT**

<table>
<thead>
<tr>
<th>Sprocket size (Number of teeth)</th>
<th>Maximum bore round</th>
<th>Maximum bore square</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[mm]</td>
<td>[inch]</td>
</tr>
<tr>
<td>Z6</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>Z8</td>
<td>15</td>
<td>0.75</td>
</tr>
<tr>
<td>Z10</td>
<td>35</td>
<td>1.25</td>
</tr>
<tr>
<td>Z12</td>
<td>50</td>
<td>1.75</td>
</tr>
<tr>
<td>Z15</td>
<td>70</td>
<td>2.75</td>
</tr>
<tr>
<td>Z16</td>
<td>80</td>
<td>3.0</td>
</tr>
<tr>
<td>Z18</td>
<td>95</td>
<td>3.5</td>
</tr>
<tr>
<td>Z20</td>
<td>110</td>
<td>4.25</td>
</tr>
</tbody>
</table>

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence”. All imperial dimensions (inches) are rounded off.

Note: Use of accessory in a belt may impact on the minimum design radii. Please see chapter 6.3 for further information.
LEGEND

① Series
S1 … S15

② Open area/Sprocket size
Percentage open area
Format: xx
E.g. 20 = 20%
For sprockets: number of teeth
Format: *Z*xx
E.g. Z12 = 12 teeth

③ Surface pattern
BSL Base module for slider
CTP Cone top
FLT Flat top (smooth)
FRT(X) Friction top (Design X)
FRT-OG FRT without HighGrip insert
GRT Grid top
LRB Lateral rib
MOD Modified module shape
NCL No cling
NPy Negative pyramid
NSK Non skid
NTP Nub top (round studs)
RAT Radius top
RSA Reduced surface area
RTP Roller top
RRB Raised rib
SRS Slip-resistant surface

④ Type
A90 Angle 90° to conveying direction
BPU Bucket profile
CM Center module
SML Side module, left
SMR Side module, right
SMU Side module, universal/both sides
UM Universal module
PMC Profile module center
PMU Profile module universal
PMU Ixx Profile module universal with indent
xx = indent in mm
CLP Clip
IDL Idler
RI High Grip insert
SG Module with sideguard
PIN Coupling rod
FPL Finger plate
SLI Slider
SPR Sprocket
RTR Retaining ring
TPL Turning panel, left
TRP Turning panel, right
CW Clockwise
CCW Counterclockwise

⑤ Style
BT Bearing tap
G Guided
GT Guiding tabs
RG Reversed guided
SG Side guard
ST Strong (SS)
DR Double row sprocket
SP Split sprocket
F1, F2, F3 … Collapse factor modules
HD Hold Down

⑥ Material
PA Polyamide
PA-HT Polyamide high temperature
PBT Polybutylene terephthalate
PE Polyethylene
PE-MD PE metal detectable
POM Polyoxymethylene (Polyacetal)
POM-CR POM cut resistant
POM-HC POM highly conductive
POM-MD POM metal detectable
PP Polypropylene
PXX-HC Self-extinguishing highly conductive material
POM-PE POM side modules + PE center modules
POM-PP POM side modules + PP center modules
R1 TPE 80 Shore A, PP
R2 EPOM 80 Shore A, vulcanized
R3 TPE 70 Shore A, PP
R4 TPE 86 Shore A, PP
R5 TPE 52 Shore A, PP
R6 TPE 63 Shore A, POM
R7 TPE 50 Shore A, PP
R8 TPE 55 Shore A, PE
SER Self-extinguishing TPE
SS Stainless steel
TPC1 Thermoplastic Copolyester
-HA Supports the HACCP concept
-HW High Wear resistant material

⑦ Color*
AT Anthracite
BL Blue
BG Beige
BK Black
DB Dark blue
GN Green
LB Light blue
LG Light gray
OR Orange
RE Red
TR Transparent
TQ Turquoise
UC Uncolored
WT White
YL Yellow

⑧ Height/Diameter/ Bore size and style
Height in mm
Format: Hxxx
Pin diameter in mm
Format: dxxx
Bore size: SQ (= square) or Rd (= round)
either in mm or inches
Format: SQxxMM or RdxxIn

⑨ Length/Width
Pins Length in mm
Format: Lxxx
Module width in mm
Format: Wxxx

* For each series’ standard colors please refer to the table of materials for each belt (chapter 1.2). A number of other colors are available on request. Colors can vary from the original due to the print, production processes or material used.