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

Belts for light to medium-duty hygiene-critical applications

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)

Available surface pattern and opening area

Side view scale 1:1

Hold Down Tabs
Hold Down Tabs for additional guiding

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

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Ref. no. 888-2_1_2_S10
SERIES 10 | OVERVIEW
Straight running belts | Pitch 25.4 mm (1 in)

Belts for light to medium-duty hygiene-critical applications

**Side view scale 1:1**

**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)

**NSF-compliant from these certified Forbo plants:**
- Huntersville (USA), Malacky (Slovakia), NSW (Australia), Tlalnepantla (Mexico), Saint-Petersburg (Russia), Shizuoka (Japan), Maharashtra (India)

**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
S10-0 FLT | 0 % Opening | Flat top

Closed, smooth surface | Flat top surface

Belt dimensions

<table>
<thead>
<tr>
<th>p</th>
<th>d_{pin}</th>
<th>h_m</th>
<th>h_pin</th>
<th>h_{pin}</th>
<th>W_{min}</th>
<th>W_{int}</th>
<th>W_{tol}</th>
<th>Minimum flex radii[^a]</th>
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<tbody>
<tr>
<td>Pitch</td>
<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>r_{1}</td>
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<tr>
<td>mm</td>
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<td>5.0</td>
<td>10.2</td>
<td>5.1</td>
<td>0.0</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
</tr>
<tr>
<td>inch</td>
<td>1.0</td>
<td>0.2</td>
<td>0.4</td>
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<td>0.0</td>
<td>1.5</td>
<td>0.75</td>
<td>±0.2</td>
</tr>
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Available standard materials[^b]

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Pin Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm]</th>
<th>Weight [kg/m^2]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C]</th>
<th>Certificates</th>
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<tbody>
<tr>
<td>PE WT/LB</td>
<td>PE</td>
<td>PE WT</td>
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<td>411</td>
<td>5.4</td>
<td>1.11</td>
<td>-70/-65</td>
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<tr>
<td>PE-MD BL</td>
<td>BL</td>
<td>POM-MD BL</td>
<td>6</td>
<td>411</td>
<td>5.4</td>
<td>1.11</td>
<td>-70/-65</td>
<td>FDA[^d]</td>
</tr>
<tr>
<td>PP WT/LB</td>
<td>PP</td>
<td>PP WT</td>
<td>8</td>
<td>548</td>
<td>5.1</td>
<td>1.04</td>
<td>0.26</td>
<td>5/100</td>
</tr>
<tr>
<td>PP-MD BL</td>
<td>BL</td>
<td>PP-MD BL</td>
<td>8</td>
<td>548</td>
<td>5.1</td>
<td>1.04</td>
<td>0.26</td>
<td>5/100</td>
</tr>
<tr>
<td>POM WT/LB</td>
<td>PBT</td>
<td>UC</td>
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<td>1370</td>
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<td>1.64</td>
<td>0.0</td>
<td>45/90</td>
</tr>
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<td>POM-MD BL</td>
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<td>1370</td>
<td>8.0</td>
<td>1.64</td>
<td>0.0</td>
<td>45/90</td>
</tr>
</tbody>
</table>

[^a]: Flex radii: r_{1} = side flex, r_{2} = front flex on roller, r_{3} = back flex on load bearing roller, r_{4} = back flex on Hold Down shoe, r_{5} = back flex on roller
[^b]: More materials and colors on request
[^c]: Complies with FDA 21 CFR
[^d]: Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds
[^e]: 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.

Mold to order belts

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Pin Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm]</th>
<th>Weight [kg/m^2]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C]</th>
<th>Certificates</th>
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[^a]: Mold to width available in: 76 mm (3.0 in), 152 mm (6.0 in), 229 mm (9.0 in)

[^b]: Mold to order belts

[^c]: Mold to width available in: 76 mm (3.0 in), 152 mm (6.0 in), 229 mm (9.0 in)

[^d]: Complies with EU 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds

[^e]: More materials and colors on request
SERIES 10 | BELT TYPES
Straight running belt | Pitch 25.4 mm (1 in)

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

<table>
<thead>
<tr>
<th>p</th>
<th>d_{pin}</th>
<th>h_{m}</th>
<th>h_{pin}</th>
<th>h_{s}</th>
<th>W_{min}</th>
<th>W_{inc}</th>
<th>W_{tol}</th>
<th>Minimum flex radii</th>
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</thead>
<tbody>
<tr>
<td>mm</td>
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<td>5.0</td>
<td>10.2</td>
<td>5.1</td>
<td>2.5</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
</tr>
<tr>
<td>inch</td>
<td>1.0</td>
<td>0.2</td>
<td>0.4</td>
<td>0.2</td>
<td>0.1</td>
<td>1.5</td>
<td>0.75</td>
<td>±0.2</td>
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Available standard materials

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<th>Color</th>
<th>Material</th>
<th>Color</th>
<th>Material</th>
<th>Color</th>
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<th>Weight</th>
<th>Width deviation</th>
<th>Temperature</th>
<th>Certificates</th>
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<td>-94/149</td>
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<tr>
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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>
<td>-94/149</td>
<td></td>
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<td>8.2</td>
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<td>-69/194</td>
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<tr>
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<td>PP-MD BL</td>
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<td>548</td>
<td>5.4</td>
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<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
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<td>-94/149</td>
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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.

4) 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

<table>
<thead>
<tr>
<th>p</th>
<th>d_pin</th>
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<th>h_pin</th>
<th>h_f</th>
<th>W_min</th>
<th>W_inc</th>
<th>W_tol</th>
<th>Minimum flex radii</th>
</tr>
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<tr>
<td>Pitch</td>
<td>Pin Ø</td>
<td>Thickness</td>
<td>Pin position</td>
<td>Height</td>
<td>Width min.</td>
<td>Width Increment</td>
<td>Width tolerance</td>
<td>r1</td>
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<tr>
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<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>
</tr>
<tr>
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<td>1.0</td>
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<td>0.4</td>
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<td>0.08</td>
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Available standard materials

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<th>Rubber Material</th>
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<th>W_inc</th>
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<td>PP WT</td>
<td>R7</td>
<td>BG</td>
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<td>548</td>
<td>6.3</td>
<td>1.29</td>
<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
<td>●</td>
</tr>
<tr>
<td>PP LB</td>
<td>PP WT</td>
<td>R7</td>
<td>BK</td>
<td>8</td>
<td>548</td>
<td>6.3</td>
<td>1.29</td>
<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
<td>●</td>
</tr>
<tr>
<td>PP LB</td>
<td>PP WT</td>
<td>R7</td>
<td>BL</td>
<td>8</td>
<td>548</td>
<td>6.3</td>
<td>1.29</td>
<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
<td>●</td>
</tr>
<tr>
<td>PP-MD BL</td>
<td>PP-MD BL</td>
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<td>BL</td>
<td>8</td>
<td>548</td>
<td>6.3</td>
<td>1.29</td>
<td>0.26</td>
<td>5/100</td>
<td>41/212</td>
<td>●</td>
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</table>

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

Also available with molded indent 38 mm (1.5 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)

Belt dimensions

<table>
<thead>
<tr>
<th>p</th>
<th>d_{pin}</th>
<th>h_{m}</th>
<th>h_{pin}</th>
<th>h_{s}</th>
<th>W_{min}</th>
<th>W_{inc}</th>
<th>W_{tol}</th>
<th>Minimum flex radii</th>
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</thead>
<tbody>
<tr>
<td>Pitch</td>
<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>r1</td>
</tr>
<tr>
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<td>5.0</td>
<td>10.2</td>
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<td>0.0</td>
<td>38.1</td>
<td>19.1</td>
<td>±0.2</td>
</tr>
<tr>
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<td>0.4</td>
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<td>0.0</td>
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Available standard materials

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<tr>
<th>Belt</th>
<th>Material</th>
<th>Color</th>
<th>Pin Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm] [lb/ft]</th>
<th>Weight [kg/m²] [lb/ft²]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C] [°F]</th>
<th>Certificates FDA EU</th>
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<td>PE</td>
<td>WT</td>
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<td>LB</td>
<td>PE</td>
<td>WT</td>
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<td>WT</td>
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<td>LB</td>
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<td>WT</td>
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<td>5/100 41/212</td>
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<td>0.0</td>
<td>5/100 41/212</td>
</tr>
</tbody>
</table>

Mold to order belts

| PE-MD | BL | POM-MD | BL | 3 | 206 | 5.1 | 1.04 | 0.0 | -70/149 –94/149 |

Mold to width available in: 76 mm (3.0 in), 229 mm (9.0 in)

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>p</th>
<th>d_{pin}</th>
<th>h_m</th>
<th>h_{pin}</th>
<th>h_s</th>
<th>W_{min}</th>
<th>W_{int}</th>
<th>W_{tol}</th>
<th>Minimum flex radii</th>
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</thead>
<tbody>
<tr>
<td>Pitch</td>
<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>r1</td>
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<tr>
<td>mm</td>
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<td>5.0</td>
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<td>0.19</td>
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<td>0.75</td>
<td>±0.2</td>
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</table>

Available standard materials

| Belt | Pin | Nominal belt pull, straight [N/mm] | [lb/ft] | Weight [kg/m²] | [lb/ft²] | Width deviation [%] | Temperature [°C] | [°F] | Certificates |
|---|---|---|---|---|---|---|---|---|
| Material | Color | Material | Color | WT | PE | 4 | 274 | 5.8 | 1.19 | 0.0 | -70/65 | -94/149 | FDA/ EU |
| PE | LB | PE | WT | 4 | 274 | 5.8 | 1.19 | 0.0 | -70/65 | -94/149 | FDA/ EU |
| PP | WT | PP | WT | 6 | 411 | 4.9 | 1.0 | 0.26 | ±0.2 | 5/100 | 41/212 | FDA/ EU |
| PP | LB | PP | WT | 6 | 411 | 4.9 | 1.0 | 0.26 | ±0.2 | 5/100 | 41/212 | FDA/ EU |
| POM | WT | PBT | UC | 13 | 891 | 7.6 | 1.56 | 0.0 | -45/90 | -49/194 | FDA/ EU |
| POM | LB | PBT | UC | 13 | 891 | 7.6 | 1.56 | 0.0 | -45/90 | -49/194 | FDA/ EU |

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

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

* 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
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)

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

*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.

Available standard materials

<table>
<thead>
<tr>
<th>Belt Material</th>
<th>Color</th>
<th>Pin Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm] [lb/ft]</th>
<th>Weight [N/mm²] [lb/ft²]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C] [°F]</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE WT/LB</td>
<td>BL</td>
<td>PE</td>
<td>WT</td>
<td>4 274</td>
<td>4.3 0.88</td>
<td>0.0</td>
<td>-70/-65 -94/-149</td>
<td>●</td>
</tr>
<tr>
<td>PP WT/LB</td>
<td>BL</td>
<td>PP</td>
<td>WT</td>
<td>6 411</td>
<td>4.0 0.82</td>
<td>0.26</td>
<td>5/100 41/212</td>
<td>●</td>
</tr>
<tr>
<td>PP-MD</td>
<td>BL</td>
<td>PP-MD</td>
<td>BL</td>
<td>6 411</td>
<td>4.4 0.9</td>
<td>0.26</td>
<td>5/100 41/212</td>
<td>●</td>
</tr>
<tr>
<td>POM WT/LB</td>
<td>BL</td>
<td>PBT</td>
<td>UC</td>
<td>13 891</td>
<td>6.2 1.27</td>
<td>0.0</td>
<td>-45/-90 -49/-194</td>
<td>●</td>
</tr>
<tr>
<td>PA*</td>
<td>BL</td>
<td>PBT</td>
<td>UC</td>
<td>13 891</td>
<td>6.0 1.23</td>
<td>0.74</td>
<td>-40/-120 -40/-248</td>
<td>●</td>
</tr>
</tbody>
</table>

Mold to order belts

<table>
<thead>
<tr>
<th>Belt Material</th>
<th>Color</th>
<th>Pin Material</th>
<th>Color</th>
<th>Nominal belt pull, straight [N/mm] [lb/ft]</th>
<th>Weight [N/mm²] [lb/ft²]</th>
<th>Width deviation [%]</th>
<th>Temperature [°C] [°F]</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>POM-MD</td>
<td>BL</td>
<td>POM-MD</td>
<td>BL</td>
<td>13 891</td>
<td>6.6 1.35</td>
<td>0.0</td>
<td>-45/-90 -49/-194</td>
<td>●</td>
</tr>
</tbody>
</table>

* 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
**SERIES 10 | SPROCKETS**

Straight running belt | Pitch 25.4 mm (1 in)

**S10 SPR | Sprockets**

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

![Sprocket Diagram](image)

**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>W_{spr}</strong> (inch)</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</td>
<td>1.10</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>110.4</td>
<td>122.4</td>
<td>130.4</td>
<td>146.4</td>
</tr>
<tr>
<td><strong>D_0</strong> (inch)</td>
<td>2.02</td>
<td>2.63</td>
<td>3.24</td>
<td>3.87</td>
<td>4.82</td>
<td>5.13</td>
<td>5.76</td>
<td>6.40</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_{max}</strong> (inch)</td>
<td>0.78</td>
<td>1.10</td>
<td>1.41</td>
<td>1.73</td>
<td>2.20</td>
<td>2.36</td>
<td>2.68</td>
<td>3.00</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>
<tr>
<td><strong>A_{min}</strong> (inch)</td>
<td>0.68</td>
<td>1.02</td>
<td>1.34</td>
<td>1.67</td>
<td>2.16</td>
<td>2.32</td>
<td>2.64</td>
<td>2.96</td>
</tr>
</tbody>
</table>

**Shaft bores**

- **25 mm**: ●
- **30 mm**: ●
- **40 mm**: ●
- **60 mm**: ●
- **1 inch**: ●
- **1.25 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.
Siegling Prolink Modular Belts

Series 10 | Profiles
Straight running belt | Pitch 25.4 mm (1 in)

S10-0 FLT PMU/S10-0 FLT PMU I38

Flat top surface for dry 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 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)

![Diagram](image-url)

Material: PA, Color: LG

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.
SERIES 10 | PROFILES
Straight running belt | Pitch 25.4 mm (1 in)

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>
</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>PE-MD</td>
<td>BL</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>POM-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>

● = no indent, ▲ = with indent 38 mm

Molded width: 152 mm (6.0 in)

For retention of bulk products

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.
## Series 10 | Side Guards

**S10 SG | Side guards**

For retention of bulk products

### Basic data

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

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

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.
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**

**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] [inch]</td>
<td>[mm] [inch]</td>
</tr>
<tr>
<td>Z6</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>Z8</td>
<td>15 0.75</td>
<td>15 0.5</td>
</tr>
<tr>
<td>Z10</td>
<td>25 1.0</td>
<td>25 1.0</td>
</tr>
<tr>
<td>Z12</td>
<td>35 1.35</td>
<td>35 1.35</td>
</tr>
<tr>
<td>Z15</td>
<td>50 1.95</td>
<td>50 1.95</td>
</tr>
<tr>
<td>Z16</td>
<td>70 2.75</td>
<td>55 2.15</td>
</tr>
<tr>
<td>Z18</td>
<td>95 3.75</td>
<td>70 2.75</td>
</tr>
<tr>
<td>Z20</td>
<td>110 4.35</td>
<td>85 3.35</td>
</tr>
</tbody>
</table>

**Material**

- LB (Light blue)
- 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.

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
   - CUT: Curved top
   - FLT: Flat top (smooth)
   - FRT(X): Friction top (Design X)
   - FRT-OG: FRT without High Grip 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/bot sides
   - UM: Universal module
   - PMC: Profile module center
   - PMU: Profile module universal
   - PMU lxx: 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
   - TPR: Turning panel, right
   - CW: Clockwise
   - CCW: Counterclockwise
   - BT: Bearing tab
   - 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

5. **Material**
   - PA: Polyamide
   - PA-HT: Polyamide high temperature
   - PBT: Polybutylene terephthalate
   - PE: Polyethylene
   - PE-MD: PE metal detectable
   - POM: Polyoxymethylene (Polycetal)
   - POM-CR: POM cut resistant
   - POM-HC: POM highly conductive
   - POM-MD: POM metal detectable Polypropylene
   - PXX-HC: POM side modules + PE center modules
   - POM-PP: POM side modules + PP center modules
   - R1: TPE 80 Shore A, PP
   - R2: EPDM 80 Shore A, vulcanized
   - R3: TPE 70 Shore A, POM
   - 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
   - TPC1: Thermoplastic Copolyester
   - -HA: Supports the HACCP concept
   - -HW: High Wear resistant material

6. **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

7. **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

8. **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.