

Product Range

Bigger range

NEW



siegling prolink
modular belts



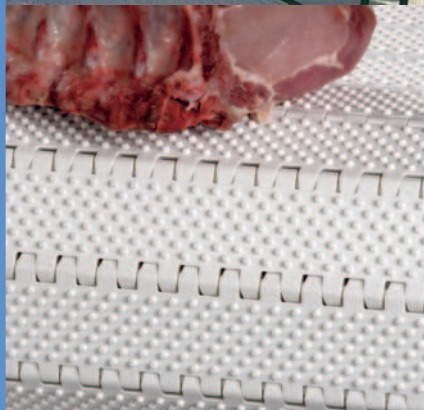
Beans drain through open modules while being conveyed to the next processing step.



Robust Siegling Prolink types keep tyre assembly production going.



It's child's play getting to the top with Siegling Prolink friction top.



Particularly important in hygiene-sensitive areas, like meat processing: Siegling Prolink modular belts are easy to clean.

Siegling Prolink modular belts

Conventional conveyor belts are only suitable for certain conveying and processing jobs because of their design. Which is why Siegling Prolink plastic modular belts are a perfect addition to the Siegling conveyor belt range. Our vast experience in light materials handling is not just a guarantee of excellent product quality, but also of professional support, rapid availability and qualified service.

Adaptable due to modular design

Siegling Prolink can offer various different module designs, materials and accessories, all combinable with one another. So Siegling Prolink modular belts can be customised to suit the conveying or production job in question. We'll find the right solution, even for highly specialised applications.

Siegling Prolink is used effectively in conveying:

- meat, fish and poultry products
- vegetables
- baked goods of all types
- packages and furniture
- vehicles and skids
- people

Here Siegling Prolink often takes on processing jobs that go above and beyond actual conveying.

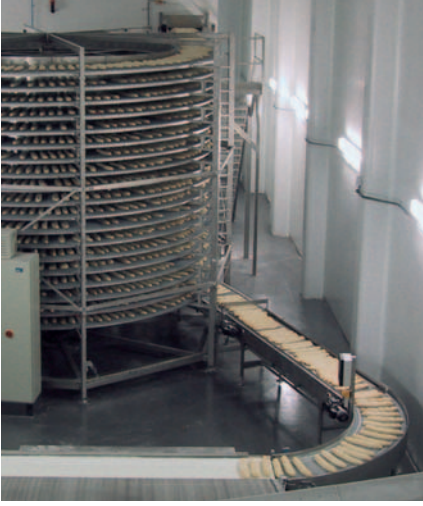
Economical to run

Modular belts are robust and durable. They handle conveying and processing tasks, not possible with conventional belting material.

They can be made endless on the conveyor; if damage occurs individual modules can be quickly exchanged. This minimises down times. Different lengths and widths are possible. Functional modules can be inserted at any time, so even belt properties can be changed whenever required.

Content

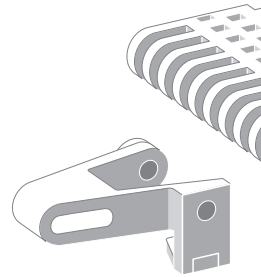
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The Siegling Prolink system: Every belt's a specialist



Siegling Prolink curved belts are ideal for space-saving drying or freezing.



Modular variety in nine series

By working together closely with users and OEMs, our R & D department ensures that all types from the Siegling Prolink system are high performers across the board.

Choose from nine belt series available in more than 35 belt types, designed for a range of conveying and processing jobs and for handling lightweight to heavy-duty loads.

The individual modules are flexibly connected with one another and made endless by inserting hinge pins.

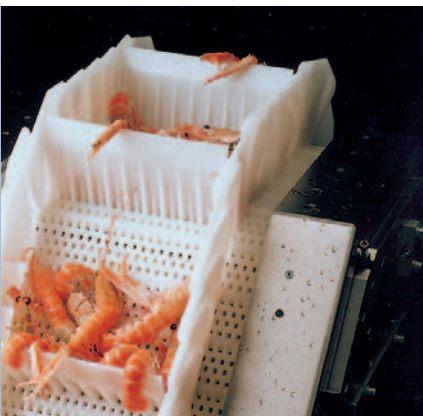
This means:

- variable widths and lengths
- they are easy to repair
- low stock levels are required

Existing conveyors can easily be converted to Siegling Prolink. Apart from the standard colours, any colours can be supplied on request.

We can send data sheets and further technical information about the individual series on request.

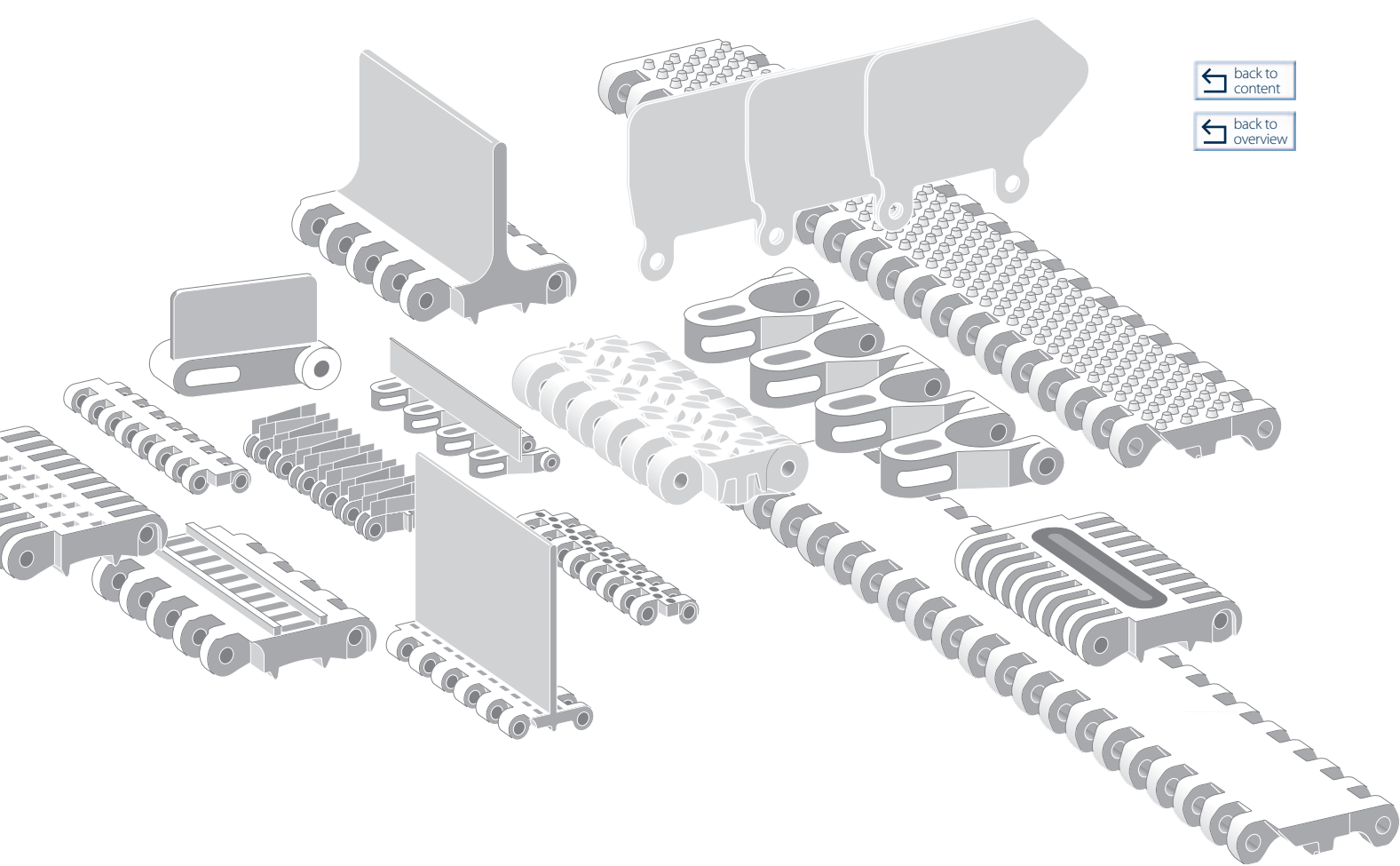
The module types presented are not available in some module/material/colour combinations in the standard version. Just ask us if you require more information.



Siegling Prolink is a tried and tested belt, processing fish and seafood – both on- and offshore.



As worker belts in the automotive industry, Siegling Prolink modules are safe to stand on.



Functional details

To turn the belt into a true specialist, profiles, side guards and further accessories, such as modules with different patterns, belong to almost all the series.

Special modules and individual accessories for special applications are also available or can be developed according to your specifications.

Just contact us.

Numerous materials

Apart from the module's design, selecting the material is another way of customising the belt to suit the conveying and processing task.

All materials have been tried and tested in the most varied of industrial environments and their own exceptional properties mean they can handle a wide range of applications.

The Siegling ProLink series are available in several materials as a standard (see each series for more information.) They can also be made from all the materials shown on the fold-out page.

Special HACCP types

New legal requirements are forcing food manufacturers to adopt increasingly stringent hygiene procedures.

Conventional conveyor and processing belts often cannot comply with these requirements. But Siegling ProLink modular belts are designed to effectively support your HACCP concept (see fold-out page).

Overview Siegling Prolink Linear modules

Series 1

Pitch 50 mm (2")

Medium to heavy-duty belt for industrial conveying applications.

[→ Details](#)

Series 2

Pitch 25 mm (1")

Light-duty belt for food and container handling and for light industrial applications.

[→ Details](#)

Series 3

Pitch 50 mm (2")

Medium-duty belt for food and non-food applications. Easy-to-clean, open-hinge design.

[→ Details](#)

Series 4.1

Pitch 14 mm (0.6")

Light to medium-duty belt for food and non-food applications. Small pitch allows tight product transfers, including nose bars.

[→ Details](#)

Series 6.1

Pitch 50 mm (2")

Medium-duty belt designed specifically for demanding applications in meat, poultry and seafood processing, including cutting, de-boning and skinning lines. Easy-to-clean, open hinge design.

[→ Details](#)

Series 7

Pitch 40 mm (1.6")

Heavy-duty belt with superior pull strength and excellent durability for industrial applications. Designed for heavy loads, such as worker belts for the automotive industry, vehicle conveying, etc.

[→ Details](#)

Series 8

Pitch 25.4 mm (1")

Medium to heavy-duty belt for industrial applications.

[→ Details](#)

Belt types

S1-0 FLT Closed, smooth surface
S1-18 FLT Open, smooth surface
S1-0 NSK Closed surface and anti-skid pattern
S1-0 FRT Closed surface and friction top

S2-0 FLT Closed, smooth surface
S2-12 FLT Open, smooth surface
S2-57 GRT Large open area, lattice-shaped surface
S2-57 RRB Large open area, raised ribs for transfer processes
S2-0 FRT Closed surface, friction top

S3-0 FLT Closed, smooth surface
S3-16 FLT Open, smooth surface
S3-0 LRB Closed, with lateral ribbing
S3-16 LRB Open, with lateral ribbing

S4.1-0 FLT Closed, smooth surface
S4.1-21 FLT Open, smooth surface







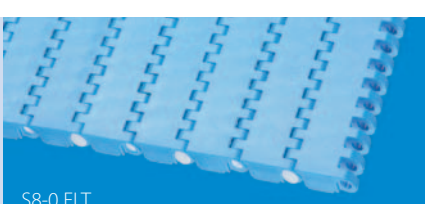
S6.1-0 FLT Closed, smooth surface
S6.1-0 NTP Closed, with blunt studs
S6.1-0 CTP Closed, with pointed studs
S6.1-23 FLT Open, smooth surface

S7-0 FLT Closed, smooth surface
S7-6 FLT Open, smooth surface
S7-0 NSK Closed, anti-skid pattern
S7-6 NSK Open, anti-skid pattern
S7-0 FRT Closed, friction top

S8-0 FLT Closed, smooth surface

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| | Materials | Colours (standard) | Allowable belt pull [N/mm (lb/ft)]* | Pitch [mm (")] | Belt width min. [mm (")] | Width increments [mm (")] |
|---|---|-------------------------|---|----------------|---|---------------------------|
|  | PE, PP, POM, POM-HC | AT, WT | 18 to 40 (1233 to 2740) | 50 (2) | 50 (2) For belts with FRT pattern 250 (9.8) | 10 (0.4) |
|  | PE, PP, POM, PA 6.6-HT | BL, WT | 3 to 7 (206 to 480) | 25 (1) | 50 (2) For belts with FRT pattern 100 (3.9) | 16.66 (0.7) |
|  | PE, PP, POM | WT | 6 to 16 (411 to 1096) | 50 (2) | 40 (1.6) | 20 (0.8) |
|  | PE, PP, POM | BL, WT | 3 to 10 (206 to 685) | 14 (0.6) | 25 (1) | 12.5 (0.5) |
|  | PE, PP, POM, POM-CR | LB, WT | 13 to 30 (891 to 2055) | 50 (2) | 40 (1.6) | 20 (0.8) |
|  | PE, PP, POM, POM-HC, PXX-HC | AT | Plastic pins 18 to 50 (1233 to 3425) Stainless steel pins 40 to 60 (2740 to 4110) | 40 (1.6) | 40 (1.6) For belts with FRT pattern 360 (14.2) | 20 (0.8) |
|  | PP, POM, POM-CR, PXX-HC | AT, BL, LG, WT | 20 to 40 (1370 to 2740) | 25.4 (1) | 38.1 (1.5) | 12.7 (0.5) |

The abbreviations and type key are explained on the fold-out page at the back.
*Depending on type and material.

Overview Siegling Prolink Curved modules

Series 5

Pitch 25 mm (1")

Medium-duty radius and spiral belt with stainless steel hinge pins. Exceptionally strong and versatile curved belt with large open area.

[→ Details](#)

Series 9

Pitch 50 mm (2")

Heavy-duty radius and spiral belt with stainless steel hinge pins. Exceptionally strong and versatile curved belt with large open area.

[→ Details](#)



Belt types

S5-45 GRT Lattice shaped, large open area
S5-45 GRT G Guided side module
S5-45 NTP Very large open area, lattice shaped with round studs
S5-45 FRT With friction top
S5-45 GRT ST Reinforced type

S9-57 GRT Lattice shaped, large open area
S9-57 GRT G Guided side module
S9-57 NTP Very large open area, lattice shaped with round studs
S9-57 GRT F2, F3, F4, F5, F6, F7, F8 Enhanced to handle large curve radii

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| | Materials | Colours (standard) | Allowable belt pull [N/mm (lb/ft)]* (Straight) | Allowable belt pull [N (lb)]* (Curves) | Pitch [mm (")] | Belt width min. [mm (")] | Width increments [mm (")] | Technical notes |
|--|-------------|--------------------|--|--|----------------|--------------------------|---------------------------|--|
|  <p>S5-45 GRT</p> | PE, PP, POM | DB, WT | 10 to 25 (685 to 1713) | 1000 to 2100 (225 to 473) | 25 (1) | 100 (3.9) | 25 (1) | Min. curve radius = 2 x belt width, min. length of the straight in-feed/out-feed section in front of/after curve = 2 x belt width. |
|  <p>S9-57 GRT</p> | PE, PP, POM | LG, WT | 12 to 30 (822 to 2055) | 1600 to 2800 (360 to 630) | 50 (2) | 100 (3.9) | 50 (2) | Min. curve radius = 1.8 x belt width, min. length of the straight in-feed/out-feed section in front of/after curve = 2 x belt width. |

The abbreviations and type key are explained on the fold-out page at the back.
 *Depending on type and material.

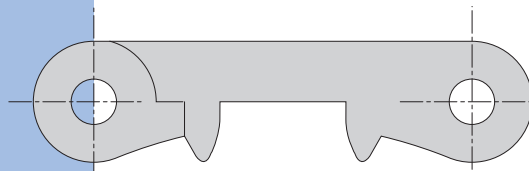
Overview of areas used

| | Fruit and vegetables | | | | | | | | | | Baked goods | | | | | | | Meat and poultry | | | | | | | | |
|--------------------------------------|----------------------|----------|----------|---------|--------------------|---------------|----------------------------|---------------------|---------------------|-----------------|------------------|---------|------------------|--------------------|--------------------|-----------------|-------------------------|------------------|-----------|------------------|----------|------------------|--------------------|-----------|-----------------|-----------|
| | Cleaning | Draining | Elevator | Sorting | Standard conveying | Deep freezing | Palletizing/de-palletizing | Container conveying | Sterilising/cooling | Emptying moulds | Cleaning tunnels | Spirals | Cooling/freezing | Standard conveying | Decorating/glazing | Metal detectors | Conveying sheets/moulds | Laminating | Packaging | Cutting/jointing | Trimming | Cooling/freezing | Standard conveying | Elevators | Metal detectors | Packaging |
| Series 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1-0 FLT | ● | | ● | ● | ● | | | | | ● | ● | | | | | | ● | | ● | | | | | | | |
| S1-18 FLT | | ● | ● | | ● | ● | | | | | ● | | | | | | | | | | | | | | | |
| S1-0 NSK | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S1-0 FRT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Series 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S2-0 FLT | | | | ● | ● | | | | | | | | ● | ● | | | ● | ● | ● | | | | ● | | ● | ● |
| S2-12 FLT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S2-57 GRT | ● | ● | | | | ● | | | ● | | | ● | | | | ● | | ● | | | | | | | | |
| S2-57 RRB | | | | | | ● | ● | ● | ● | | | ● | | | ● | | | | | | | | | | | |
| S2-0 FRT | | | | | | | ● | ● | | | | | | | | | | | | | | | | | | ● |
| Series 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S3-0 FLT | | | ● | ● | ● | | ● | ● | | ● | | | ● | ● | | | ● | | ● | | | ● | ● | ● | ● | ● |
| S3-16 FLT | ● | ● | ● | | ● | ● | | | ● | | ● | | | | | | | | | | | | ● | ● | ● | ● |
| S3-0 LRB | | | | | | | | | | | | | | | | | | | | | | | ● | ● | ● | ● |
| S3-16 LRB | | | | | | | | | | | | | | | | | | | | | | | ● | ● | ● | ● |
| Series 4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S4.1-0 FLT | | | | | | | | | | | | ● | ● | ● | ● | | | ● | ● | | | | ● | | ● | ● |
| S4.1-21 FLT | | | | | | | | | | | | ● | ● | ● | ● | | | ● | ● | | | | | ● | ● | ● |
| Series 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S5-45 GRT | ● | ● | | | ● | ● | | | ● | ● | ● | ● | ● | ● | | ● | ● | | | | | ● | | ● | ● | ● |
| S5-45 GRT G | ● | ● | | | ● | ● | | | ● | ● | ● | ● | ● | ● | | ● | ● | | | | | ● | | ● | ● | ● |
| S5-45 NTP | | | | | | | | | | | ● | ● | ● | ● | | ● | ● | | | | | | ● | | ● | ● |
| S5-45 FRT | | | | | | | | | | | | ● | ● | ● | | ● | ● | | | | | | | | | ● |
| S5-45 GRT ST | ● | ● | | | ● | ● | | | ● | ● | ● | ● | ● | ● | | ● | ● | | | | | ● | | ● | ● | ● |
| Series 6.1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S6.1-0 FLT | | ● | ● | | | ● | | | | ● | | | ● | | | | | ● | | ● | ● | | ● | ● | ● | ● |
| S6.1-0 NTP | | | | | | | | | | | | | | | | | | | | | ● | ● | | ● | ● | ● |
| S6.1-0 CTP | | | | | | | | | | | | | | | | | | | | | | | ● | ● | ● | ● |
| S6.1-23 FLT | ● | ● | ● | | ● | ● | | ● | | ● | | ● | ● | | | | | | | | | | ● | ● | ● | ● |
| Series 7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S7-0 FLT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S7-6 FLT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S7-0 NSK | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S7-6 NSK | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S7-0 FRT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Series 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S8-0 FLT | | | | | ● | | ● | ● | | ● | | | | | | | ● | | ● | | | | | | | |
| Series 9 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S9-57 GRT | ● | ● | | | | ● | | | ● | | ● | ● | | | | ● | | | | | | ● | | ● | ● | |
| S9-57 GRT G | ● | ● | | | | ● | | | ● | | ● | ● | | | | ● | | | | | | ● | | ● | ● | |
| S9-57 NTP | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S9-57 GRT F2, F3, F4, F5, F6, F7, F8 | | | | | | | | | | | ● | | | | | | | | | | | | | | | |

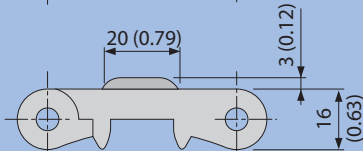
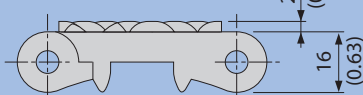
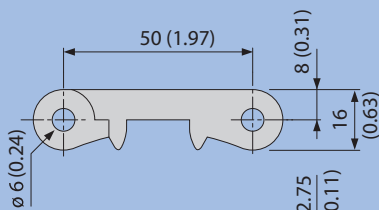
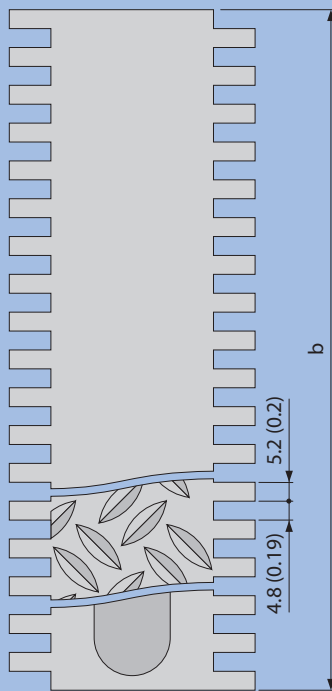
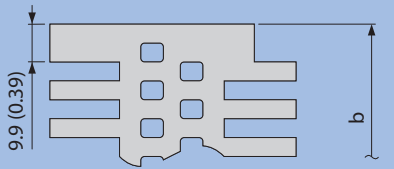
Siegling Prolink

Series 1

Linear modules,
pitch 50 mm (2")



Scale 1:1



Design characteristics

- Medium to heavy-duty belt for industrial conveying applications.
- Durable construction.
- Used in non-food applications such as package and parcel handling, worker belts for the automotive industry, ski lift belts, etc.

Belt types

S1-0 FLT

Closed, smooth surface

S1-18 FLT

Open, smooth surface

S1-0 NSK

Closed surface and anti-skid pattern

S1-0 FRT

Closed surface and friction top

Pitch

50 mm (2")

Belt width min.

50 mm (2")
250 mm (9.8") for belts with FRT-pattern
(side modules only available without FRT-pattern).

Width increments

In increments of 10 mm (0.4").

Hinge pins

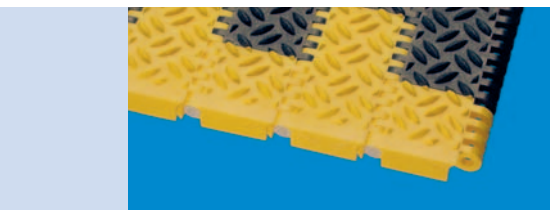
Made of plastic, (PE, PP, POM), as a special type made of stainless steel.

Certification

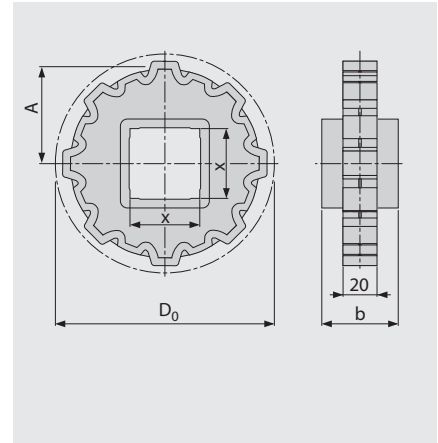
For certification see fold-out page.

Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] | Weight [kg/m ² (lb/ft ²)] |
|-----------|---------|---------------|------------------------------------|--|
| PE | WT | 0 | 18 (1233) | 10.1 (2.1) |
| PP | WT | 0 | 30 (2055) | 9.4 (1.9) |
| POM | WT/AT | 0 | 40 (2740) | 14.4 (3.0) |
| PE | WT | 18 | 18 (1233) | 8.8 (1.8) |
| PP | WT | 18 | 30 (2055) | 8.2 (1.7) |
| POM | WT | 18 | 40 (2740) | 12.7 (2.6) |
| PE | | 0 | 18 (1233) | 11.2 (2.3) |
| PP | | 0 | 30 (2055) | 10.4 (2.1) |
| POM | AT | 0 | 40 (2740) | 16.0 (3.3) |
| POM-HC | AT | 0 | 40 (2740) | 16.0 (3.3) |
| PE | | 0 | 18 (1233) | 10.1 (2.1) |
| PP | | 0 | 30 (2055) | 9.4 (1.9) |
| POM | WT | 0 | 40 (2740) | 14.4 (3.0) |



Sprockets



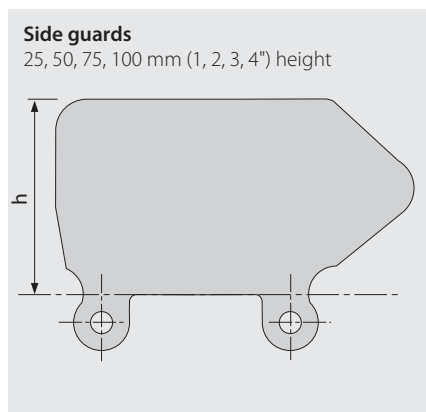
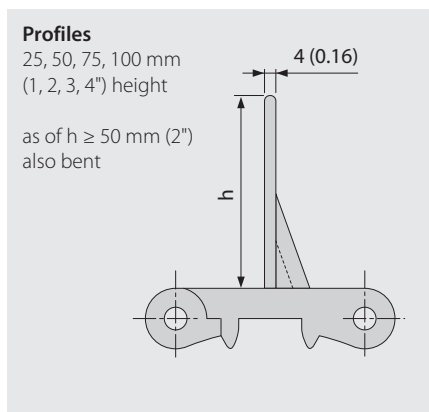
| Sprocket size | | | | | |
|---------------------------------------|-------|-------|-------|-------|--------|
| | Z6 | Z8 | Z10 | Z12 | Z16 |
| b [mm] | 40 | 40 | 40 | 40 | 40 |
| ["] | (1.6) | (1.6) | (1.6) | (1.6) | (1.6) |
| D ₀ [mm] | 100 | 131 | 162 | 193 | 256 |
| ["] | (3.9) | (5.2) | (6.4) | (7.6) | (10.0) |
| A [mm] | 42 | 57 | 73 | 89 | 120 |
| ["] | (1.7) | (2.2) | (2.9) | (3.5) | (4.7) |
| x [mm] (sprocket bore metric) | | | | | |
| 30 | ● | ● | ● | | |
| 40 | ■ | ■ | ■ | ■ | ■ |
| 60 | | ■ | ■ | ■ | ■ |
| 80 | | | | ■ | ■ |
| x ["] (sprocket bore imperial) | | | | | |
| 1 | | ● | ● | ● | |
| 1.5 | ■ | ■ | ■ | | |
| 2.5 | | | | ■ | ■ |

- Sprocket bore round
- Sprocket bore square

D₀ Pitch circle diameter
 A Distance centre of sprocket bore/
 top edge support

The fold-out page at the back will explain all abbreviations used and the type key.

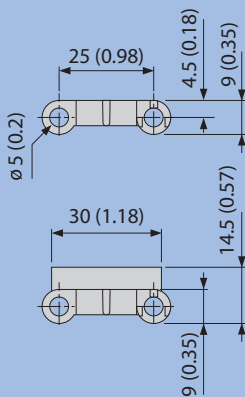
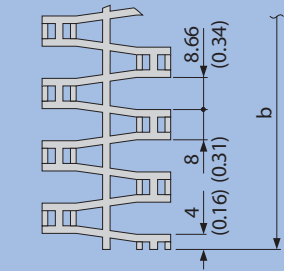
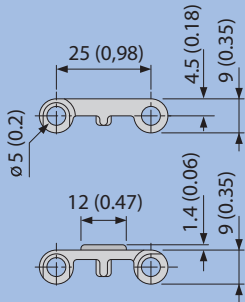
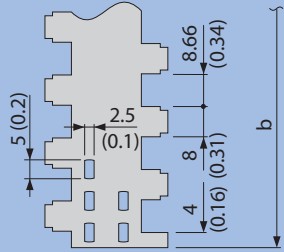
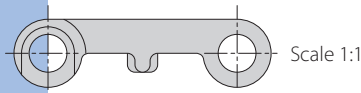
Profile and side guard designs



Siegling Prolink

Series 2

Linear modules,
pitch 25 mm (1")



Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

Design characteristics

- Light-duty belt for food and container handling and for light industrial applications.
- Easy-to clean, open-hinge design.
- Available in several styles with large open area, making it an excellent choice for draining, cooling and drying applications.
- Used in food and non-food applications where product drainage or drying is needed, e.g. light container handling, in-feed and discharge belts for packaging and automation equipment, metal detectors, confectionery, fruit and vegetable processing, etc.

Pitch
25 mm (1")

Belt width min.
50 mm (2")
100 mm (3.9") for belts with FRT-pattern.

Width increments
In increments of 16.66 mm (0.7").

Hinge pins
Made of plastic (PE, PP, POM).

Certification
For certification see fold-out page.

Drum motor
Power transmission using drum motors with rubber coating and profiles applied is possible. Please enquire.

Belt types

S2-0 FLT

Closed, smooth surface

S2-12 FLT

Smooth surface with open area

S2-57 GRT

Very permeable surface with lattice pattern

S2-57 RRB

Very permeable surface with raised lattice pattern

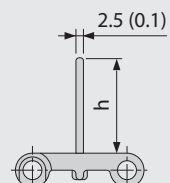
S2-0 FRT

Closed surface with friction top

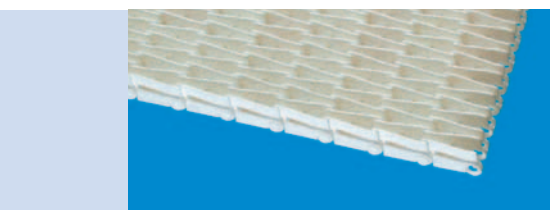
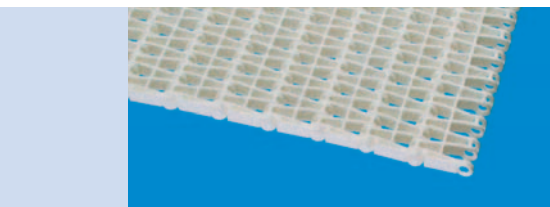
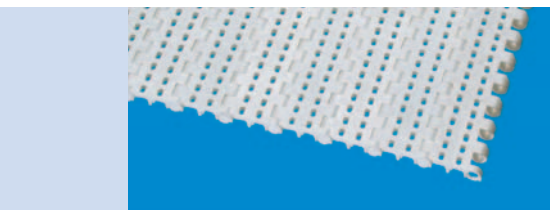
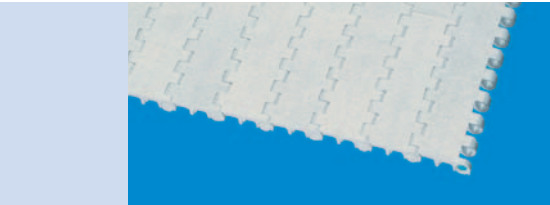
Profile and side guard designs/ accessories

Profiles

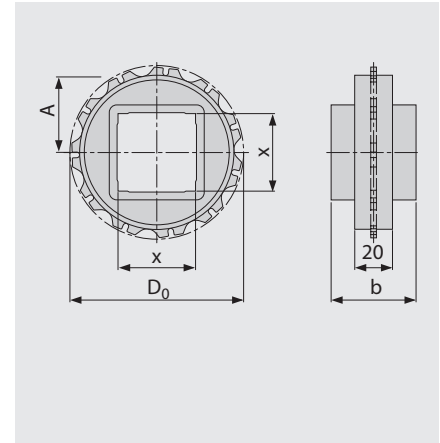
25, 50 mm (1, 2") height



| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] | Weight [kg/m ² (lb/ft ²)] |
|-----------|---------|---------------|------------------------------------|--|
| PE | WT | 0 | 3 (206) | 3.9 (0.8) |
| PP | WT/BL | 0 | 5 (343) | 3.7 (0.8) |
| POM | WT/BL | 0 | 7 (480) | 5.7 (1.2) |
| PE | WT | 12 | 3 (206) | 3.7 (0.8) |
| PP | WT/BL | 12 | 5 (343) | 3.5 (0.7) |
| POM | | 12 | 7 (480) | 5.4 (1.1) |
| PE | WT | 57 | 3 (206) | 3.4 (0.7) |
| PP | WT/BL | 57 | 5 (343) | 3.3 (0.7) |
| POM | WT/BL | 57 | 7 (480) | 4.8 (1.0) |
| PA 6.6-HT | | 57 | 5 (343) | 4.0 (0.8) |
| PE | | 57 | 3 (206) | 4.3 (0.9) |
| PP | WT | 57 | 5 (343) | 4.2 (0.9) |
| POM | | 57 | 7 (480) | 6.2 (1.3) |
| POM | | 0 | 7 (480) | 5.7 (1.2) |



Sprockets



| Sprocket size | Z6 | Z11 | Z19 | Z20 |
|---------------------------------------|-------|-------|-------|-------|
| b [mm] | 25 | 40 | 40 | 40 |
| ["] | (1.0) | (1.6) | (1.6) | (1.6) |
| D ₀ [mm] | 51 | 90 | 154 | 161 |
| ["] | (2.0) | (3.5) | (6.1) | (6.3) |
| A [mm] | 21 | 40 | 72 | 76 |
| ["] | (0.8) | (1.6) | (2.8) | (3.0) |
| x [mm] (sprocket bore metric) | | | | |
| 25 | ●/■ | | | |
| 30 | | ● | | |
| 40 | | ■ | ■ | ■ |
| 60 | | | ■ | |
| 80 | | | ■ | |
| x ["] (sprocket bore imperial) | | | | |
| 3/4 | ● | | | |
| 1 | | ●/■ | | |
| 1.5 | | ■ | ■ | |
| 2.5 | | | ■ | |

- Sprocket bore round
- Sprocket bore square

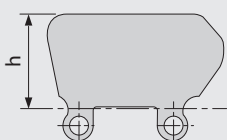
D₀ Pitch circle diameter

A Distance centre of sprocket bore/
top edge support

The fold-out page at the back will explain all abbreviations used and the type key.

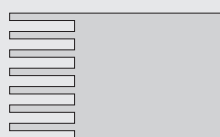
Side guards

25, 50 mm (1, 2") height



Finger plates

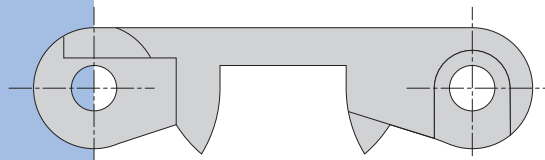
in POM for type S2 RRB



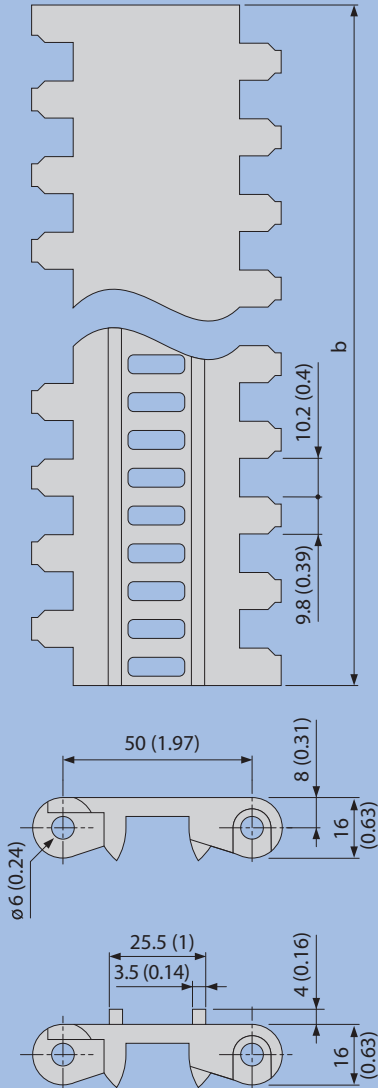
Siegling Prolink

Series 3

Linear modules,
pitch 50 mm (2")



Scale 1:1



Design characteristics

- Medium-duty belt for food industry applications.
- Easy-to clean, open-hinge design.
- Used in food and non-food applications, such as accumulation belts, fruit and vegetable processing, baking, etc.

Belt types

S3-0 FLT

Closed, smooth surface

S3-16 FLT

Smooth surface with open area

S3-0 LRB

Closed surface with lateral ribs for better grip in inclined conveying

S3-16 LRB

Open area and lateral ribbing for better grip in inclined conveying

Pitch

50 mm (2")

Belt width min.

40 mm (1.6")

Width increments

In increments of 20 mm (0.8").

Hinge pins

Made of plastic (PE, PP, POM), as a special type made also in blue or stainless steel.

Certification

For certification see fold-out page.

Drum motor

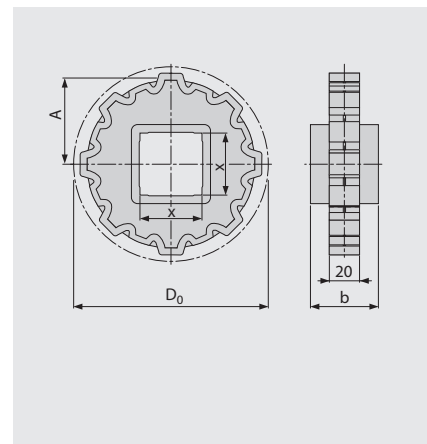
Power transmission using drum motors with rubber coating and profiles applied is possible. Please enquire.

Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] | Weight [kg/m ² (lb/ft ²)] |
|-----------|---------|---------------|------------------------------------|--|
| PE | WT | 0 | 6 (411) | 7.5 (1.5) |
| PP | WT | 0 | 12 (822) | 7.1 (1.5) |
| POM | | 0 | 16 (1096) | 10.1 (2.1) |
| PE | WT | 16 | 6 (411) | 7.3 (1.5) |
| PP | | 16 | 12 (822) | 6.5 (1.3) |
| POM | | 16 | 16 (1096) | 9.5 (1.9) |
| PE | | 0 | 6 (411) | 7.6 (1.6) |
| PP | | 0 | 12 (822) | 7.2 (1.5) |
| POM | | 0 | 16 (1096) | 10.3 (2.1) |
| PE | | 16 | 6 (411) | 7.4 (1.5) |
| PP | | 16 | 12 (822) | 6.6 (1.4) |
| POM | | 16 | 16 (1096) | 9.7 (2.0) |



Sprockets



| Sprocket size | Z6 | Z8 | Z10 | Z12 | Z16 |
|---------------------------------------|--------|-------|-------|-------|--------|
| | b [mm] | 40 | 40 | 40 | 40 |
| ["] | (1.6) | (1.6) | (1.6) | (1.6) | (1.6) |
| D ₀ [mm] | 100 | 131 | 162 | 193 | 256 |
| ["] | (3.9) | (5.2) | (6.4) | (7.6) | (10.0) |
| A [mm] | 42 | 57 | 73 | 89 | 120 |
| ["] | (1.7) | (2.2) | (2.9) | (3.5) | (4.7) |
| x [mm] (sprocket bore metric) | | | | | |
| 30 | ● | ● | ● | | |
| 40 | ■ | ■ | ■ | ■ | ■ |
| 60 | | ■ | ■ | ■ | ■ |
| 80 | | | | ■ | ■ |
| x ["] (sprocket bore imperial) | | | | | |
| 1 | | ● | ● | ● | |
| 1.5 | ■ | ■ | ■ | | |
| 2.5 | | | | ■ | ■ |

- Sprocket bore round
- Sprocket bore square

D₀ Pitch circle diameter

A Distance centre of sprocket bore/ top edge support

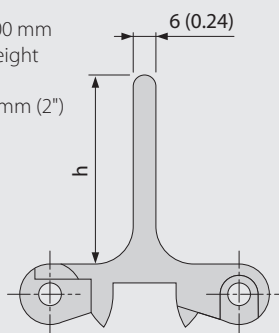
The fold-out page at the back will explain all abbreviations used and the type key.

Profile and side guard designs

Profiles

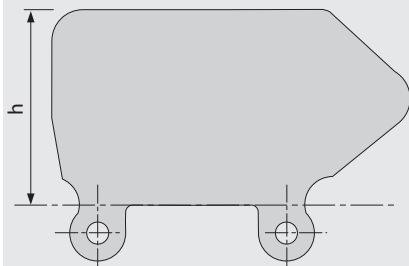
25, 50, 75, 100 mm
(1, 2, 3, 4") height

as of h ≥ 50 mm (2")
also bent



Side guards

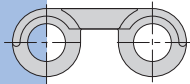
25, 50, 75, 100 mm (1, 2, 3, 4") height



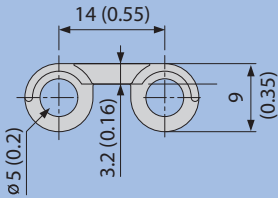
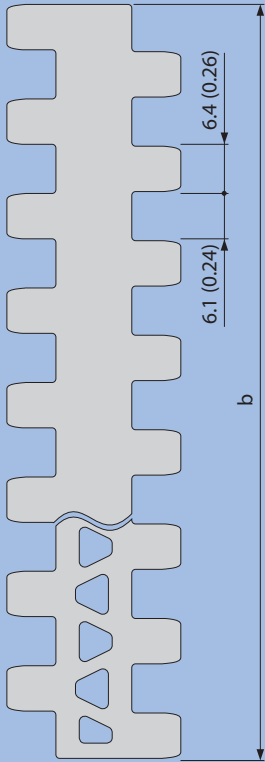
Siegling Prolink

Series 4.1

Linear modules,
pitch 14 mm (0.6")



Scale 1:1



Design characteristics

- Light to medium-duty belt for both food and industrial applications.
- Small pitch allows tight product transfers, including nose bars.
- Excellent for draining, drying, cooling and accumulation applications.
- Used for handling small food items and containers requiring tight transfers.

Belt types

S4.1-0 FLT

Closed, smooth surface

S4.1-21 FLT

Open, smooth surface

Pitch

14 mm (0.6")

Belt width min.

25 mm (1")

Width increments

In increments of 12.5 mm (0.5").

Hinge pins

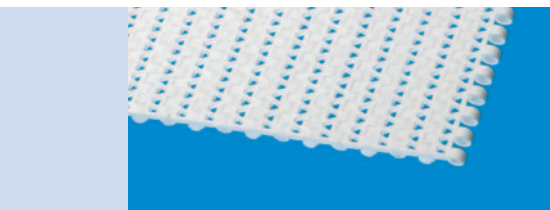
Made of plastic (PE, PP, PBT).

Certification

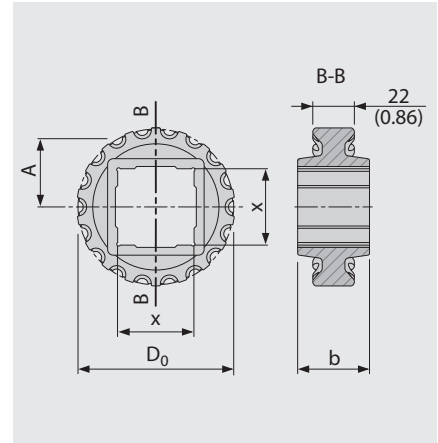
For certification see fold-out page.

Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] | Weight [kg/m ² (lb/ft ²)] |
|-----------|---------|---------------|------------------------------------|--|
| PE | WT | 0 | 3 (206) | 5.1 (1.0) |
| PP | WT/BL | 0 | 5 (343) | 4.6 (0.9) |
| POM | WT/BL | 0 | 10 (685) | 7.11 (1.5) |
| PE | WT | 21 | 3 (206) | 4.5 (0.9) |
| PP | WT/BL | 21 | 5 (343) | 4.09 (0.8) |
| POM | WT/BL | 21 | 10 (685) | 6.45 (1.3) |



Sprockets



| Sprocket size | Z10 | Z12 | Z18 | Z26 | Z35 |
|---------------------|-------|-------|-------|-------|-------|
| b [mm] | 25 | 25 | 38 | 38 | 38 |
| ["] | (1.0) | (1.0) | (1.5) | (1.5) | (1.5) |
| D ₀ [mm] | 45 | 55 | 81 | 116 | 156 |
| ["] | (1.8) | (2.2) | (3.2) | (4.6) | (6.1) |
| A [mm] | 18 | 23 | 35 | 53 | 73 |
| ["] | (0.7) | (0.9) | (1.4) | (2.1) | (2.9) |

| x [mm] (sprocket bore metric) | Z10 | Z12 | Z18 | Z26 | Z35 |
|-------------------------------|-----|-----|-----|-----|-----|
| 20 | ●/■ | | | | |
| 25 | | ■ | ■ | | ● |
| 30 | | | | | ● |
| 40 | | | ■ | ■ | ■ |
| 60 | | | | ■ | ■ |

| x ["] (sprocket bore imperial) | Z10 | Z12 | Z18 | Z26 | Z35 |
|--------------------------------|-----|-----|-----|-----|-----|
| 3/4 | ● | | | | |
| 1 | | ■ | | | |
| 1.5 | | | ■ | ■ | ■ |
| 2.5 | | | | ■ | ■ |

- Sprocket bore round
- Sprocket bore square

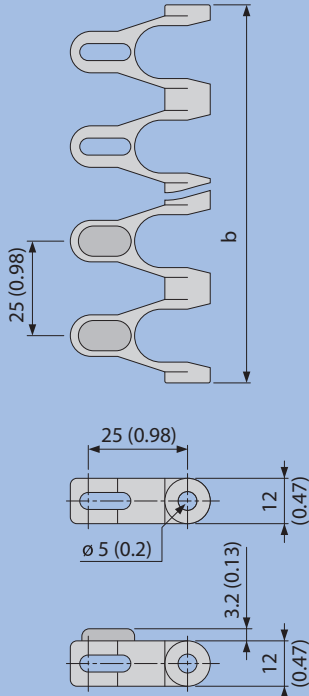
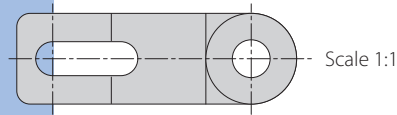
D₀ Pitch circle diameter
 A Distance centre of sprocket bore/
 top edge support

The fold-out page at the back will explain all abbreviations used and the type key.

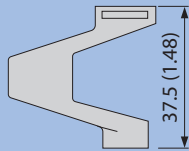
Sieging Prolink

Series 5

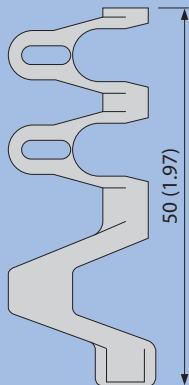
Curved modules,
pitch 25 mm (1")



Side modules



Side modules
reinforced (ST)



Design characteristics

- Curved and spiral belt with stainless steel hinge pins for conveying medium-weight goods. Exceptionally strong and permeable.
- Minimum turning radius of 2 x belt width.
- Large open area provides excellent product drying and cooling capability.
- Used for spiral cooling towers, spiral freezers and radius conveyors in food industries such as baking, meat and poultry processing and processed foods.

Pitch

25 mm (1")

Belt width min.

100 mm (3.9"), 175 mm (6.9") for S5 ST (side modules only available without FRT- and without NTP-pattern).

Width increments

In increments of 25 mm (1").

Hinge pins

Stainless steel (plastic pins can also be used for straight conveyors).

Certification

For certification see fold-out page.

Technical notes

Minimum curve radius = 2 x belt width.
Minimum length of the straight in-feed/ out-feed section before and after the curve = 2 x belt width.

Comments

ST types combinable with standard centre curve modules, NTP, FRT.
ST types not combinable with Guided (G), Side Guards (SG) or Bearing Tab (BT).

Please contact us should you require small curve radii.

Belt types

S5-45 GRT

Lattice-shaped surface with large open area

S5-45 GRT G

Lattice-shaped surface with large open area and hold-down tabs

S5-45 NTP

Particularly permeable, lattice-shaped surface with 1.7 mm/0.07" high round studs

S5-45 FRT

Very permeable, lattice-shaped surface with friction top

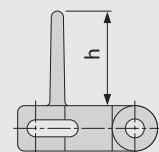
S5-45 GRT ST

Reinforced version of series 5. Wide outer modules (75 mm/2.9" and 100 mm/3.9") ensure extra belt stability and better transmission of force in curves

Profile and side guard designs/ special modules

Profiles

25, 50 mm (1, 2") height



Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] (Straight) | Allowable belt pull [N (lb)] (Curves) | Weight [kg/m ² (lb/ft ²)] (Stainless steel pins) |
|-----------|---------|---------------|--|--|--|
|-----------|---------|---------------|--|--|--|



| | | | | | |
|-----|-------|----|--------------|---------------|-------------|
| PE | | 45 | 10 (685) | - | 11 (2.3) |
| PP | WT/DB | 45 | 18 (1233) | 1000 (225) | 10 (2.1) |
| POM | WT/DB | 45 | 25 (1713) | 1800 (405) | 13 (2.7) |



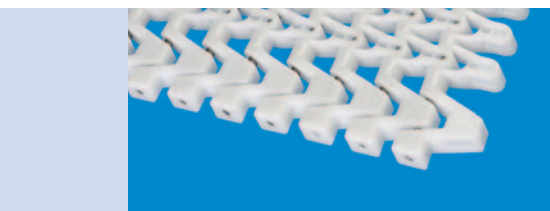
| | | | | | |
|-----|-------|----|--------------|---------------|-------------|
| PE | | 45 | 10 (685) | - | 11 (2.3) |
| PP | WT/DB | 45 | 18 (1233) | 1000 (225) | 10 (2.1) |
| POM | WT/DB | 45 | 25 (1713) | 1800 (405) | 13 (2.7) |



| | | | | | |
|-----|--|----|--------------|---------------|---------------|
| PE | | 45 | 10 (685) | - | 11.2 (2.3) |
| PP | | 45 | 18 (1233) | 1000 (225) | 10.1 (2.1) |
| POM | | 45 | 25 (1713) | 1800 (405) | 13.2 (2.7) |

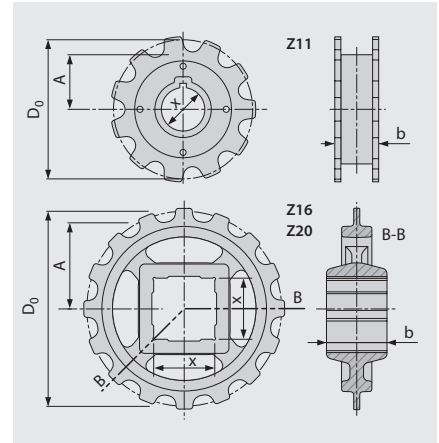


| | | | | | |
|----|--|----|--------------|---------------|---------------|
| PP | | 45 | 18 (1233) | 1000 (225) | 10.2 (2.1) |
|----|--|----|--------------|---------------|---------------|



| | | | | | |
|-----|-------|----|--------------|---------------|---------------|
| PE | | 47 | 10 (685) | - | 11.1 (2.3) |
| PP | WT/DB | 47 | 18 (1233) | 1200 (270) | 10.2 (2.1) |
| POM | WT/DB | 47 | 25 (1713) | 2100 (473) | 13.2 (2.7) |

Sprockets



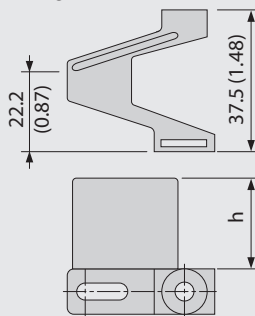
| Sprocket size | Z11 DR | Z16 | Z20 | | |
|---------------------------------------|--------|-------|-------|--|--|
| b [mm] | 29 | 40 | 40 | | |
| ["] | (1.1) | (1.6) | (1.6) | | |
| D ₀ [mm] | 89 | 129 | 161 | | |
| ["] | (3.5) | (5.1) | (6.3) | | |
| A [mm] | 38 | 58 | 78 | | |
| ["] | (1.5) | (2.3) | (3.1) | | |
| x [mm] (sprocket bore metric) | | | | | |
| 25 | ● | | | | |
| 30 | ● | ● | ● | | |
| 40 | ■ | ■ | ■ | | |
| x ["] (sprocket bore imperial) | | | | | |
| 1" | | ● | ● | | |
| 1.5" | ■ | ■ | ■ | | |

- Sprocket bore round
- Sprocket bore square

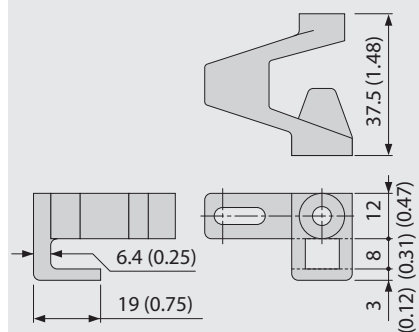
D₀ Pitch circle diameter
A Distance centre of sprocket bore/
top edge support
DR Double row sprocket

The fold-out page at the back will explain all abbreviations used and the type key.

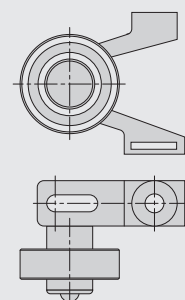
Side guards 25, 50 mm (1, 2") height



Guided version (G)



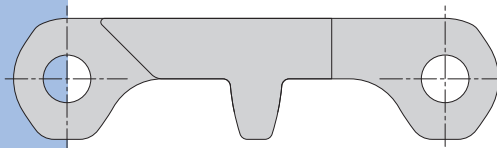
Ball-bearing (BT) module



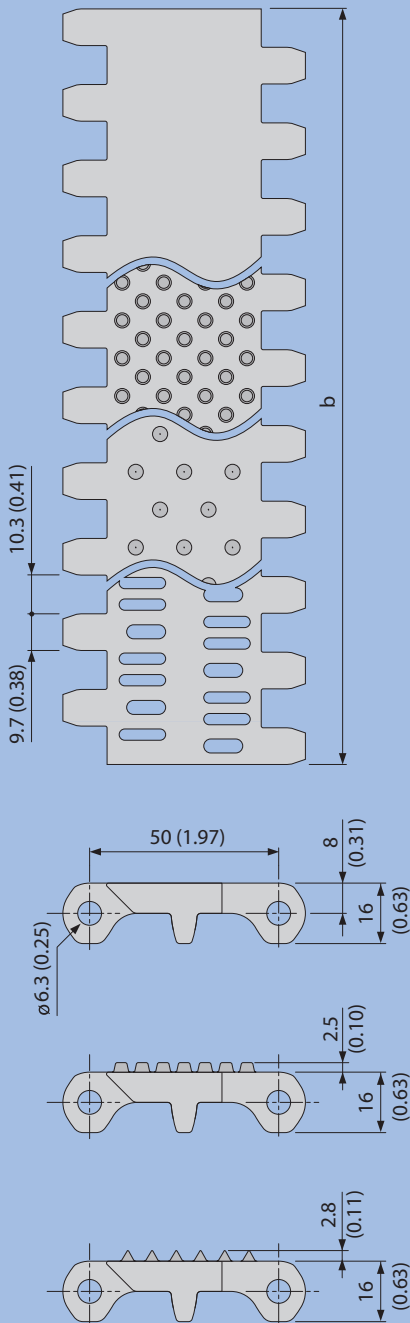
Siegling Prolink

Series 6.1

Linear modules,
pitch 50 mm (2")



Scale 1:1



Design characteristics

- Medium-duty belt designed specifically for food processing applications.
- Easy-to-clean, open hinge design.
- Superior drive and tracking features.
- Designed specifically for demanding applications in meat, poultry and sea-food processing, including cutting, de-boning and skinning lines.
- Available in cut-resistant materials.
- High-impact resistance.

Belt types

S6.1-0 FLT

Easy-to-clean belt with closed, smooth surface

S6.1-0 NTP

Easy-to-clean belt with closed surface and round studs

S6.1-0 CTP

Easy-to-clean belt with closed surface and pointed studs

S6.1-23 FLT

Easy-to-clean belt with permeable, smooth surface

Pitch
50 mm (2")

Belt width min.
40 mm (1.6")

Width increments
In increments of 20 mm (0.8")

Hinge pins
Made of plastic (PE, PP, PBT).

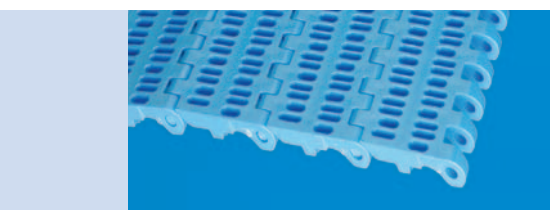
Certification
For certification see fold-out page.

Drum motor
Power transmission using drum motors with rubber coating and profiles applied is possible. Please enquire.

Also available in POM-CR for extra puncture/cut resistance



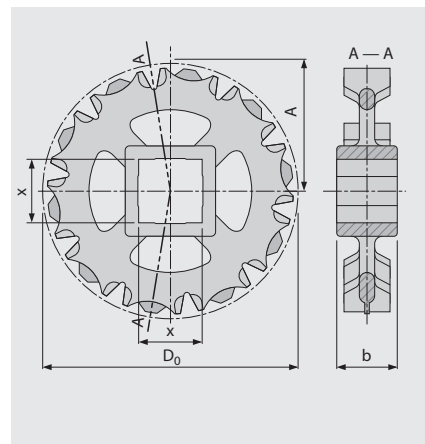
Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.



| Materials* | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] | Weight [kg/m ² (lb/ft ²)] |
|------------|---------|---------------|------------------------------------|--|
| PE | WT/LB | 0 | 13 (891) | 9,4 (1.9) |
| PP | WT/LB | 0 | 18 (1233) | 8,3 (1.7) |
| POM | WT/LB | 0 | 30 (2055) | 13,4 (2.7) |
| POM-CR | WT | 0 | 30 (2055) | 13,4 (2.7) |
| PE | WT | 0 | 13 (891) | 9,6 (2.0) |
| POM | | 0 | 30 (2055) | 13,7 (2.8) |
| PE | | 0 | 13 (891) | 9,5 (1.9) |
| POM | WT | 0 | 30 (2055) | 13,5 (2.8) |
| PE | WT/LB | 23 | 13 (891) | 8,2 (1.7) |
| PP | WT/LB | 23 | 18 (1233) | 7,0 (1.4) |
| POM | | 23 | 30 (2055) | 11,3 (2.3) |

* Apart from the standard materials modules are also available in POM-MD upon request.

Sprockets



| Sprocket size | Z6 | Z8 | Z10 | Z12 |
|---------------------------------------|-------|-------|-------|-------|
| b [mm] | 30 | 30 | 30 | 30 |
| ["] | (1.2) | (1.2) | (1.2) | (1.2) |
| D ₀ [mm] | 101 | 132 | 163 | 195 |
| ["] | (4.0) | (5.2) | (6.4) | (7.7) |
| A [mm] | 42 | 58 | 74 | 89 |
| ["] | (1.7) | (2.3) | (2.9) | (3.5) |
| x [mm] (sprocket bore metric) | | | | |
| 30 | ● | ● | ● | |
| 40 | ■ | ■ | ■ | ■ |
| 60 | | | ■ | ■ |
| x ["] (sprocket bore imperial) | | | | |
| 1 | ● | ● | ● | |
| 1.5 | ■ | ■ | ■ | ■ |
| 2.5 | | | ■ | ■ |

- Sprocket bore round
- Sprocket bore square

D₀ Pitch circle diameter

A Distance centre of sprocket bore/ top edge support

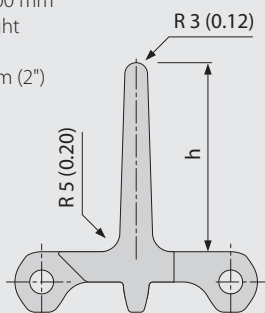
The fold-out page will explain all abbreviations used and the type key.

Profile and side guard designs

Profiles

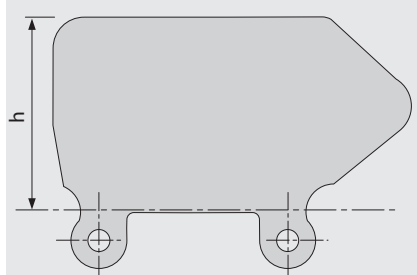
50, 100, 150, 200 mm
(2, 4, 6, 8") height

as of h ≥ 50 mm (2")
also bent



Side guards

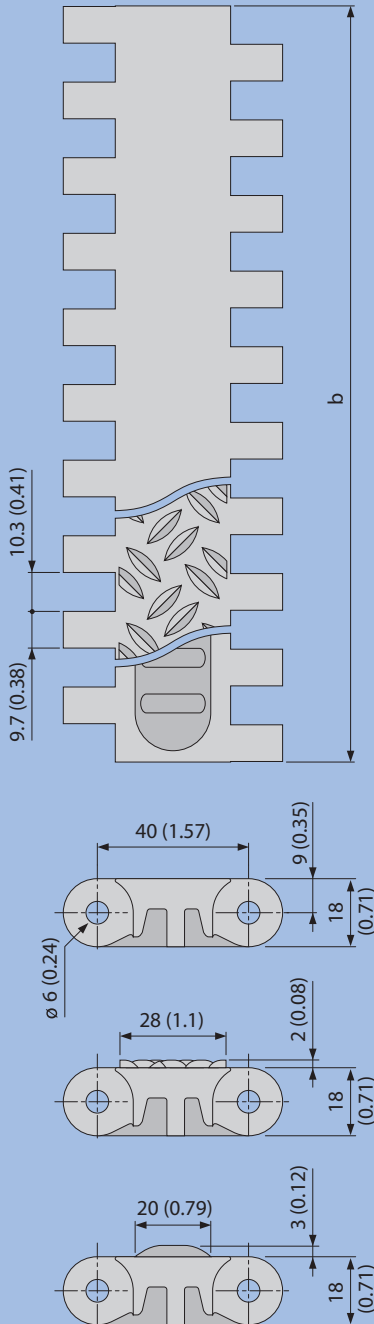
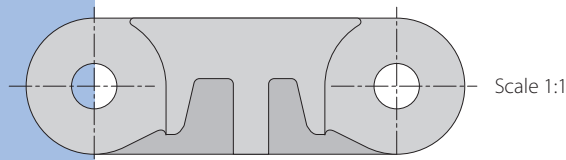
25, 50, 75, 100 mm (1, 2, 3, 4") height



Siegling Prolink

Series 7

Linear modules,
pitch 40 mm (1.6")



Design characteristics

- Heavy-duty belt with superior pull strength and excellent durability for industrial applications.
- Designed for heavy loads, such as worker belts for the automotive industry, vehicle conveying, etc.
- Available in self-extinguishing materials and no-skid surface patterns.

Belt types

S7-0 FLT

Closed, smooth surface

S7-6 FLT

Slightly permeable, smooth surface

S7-0 NSK

Closed surface and anti-skid pattern

S7-6 NSK

Slightly permeable, smooth surface with anti-skid pattern

S7-0 FRT

Closed surface and friction top

Pitch

40 mm (1.6")

Belt width min.

40 mm (1.6")

360 mm (14.2") for belts with FRT-pattern (side modules only available without FRT-pattern).

Width increments

In increments of 20 mm (0.8").

Hinge pins

Made of plastic (PBT) or stainless steel.

Certification

For certification see fold-out page.

Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] (Plastic pins) | Allowable belt pull [N/mm (lb/ft)] (Stainless steel pins) | Weight [kg/m ² (lb/ft ²)] (Plastic pins) | Weight [kg/m ² (lb/ft ²)] (Stainless steel pins) |
|-----------|---------|---------------|--|--|--|--|
|-----------|---------|---------------|--|--|--|--|



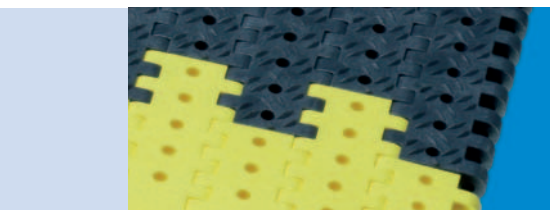
| | | | | | | |
|--------|----|---|--------------|--------------|---------------|---------------|
| PE | | 0 | 18 (1233) | - | 9.7 (2.0) | - |
| PP | | 0 | 30 (2055) | 40 (2740) | 9.3 (1.9) | 14.2 (2.9) |
| POM | AT | 0 | 50 (3425) | 60 (4110) | 18.6 (3.8) | 23.2 (4.8) |
| POM-HC | AT | 0 | 50 (3425) | 60 (4110) | 18.6 (3.8) | 23.2 (4.8) |
| PXX-HC | AT | 0 | 30 (2055) | 40 (2740) | 9.3 (1.9) | 14.2 (2.9) |



| | | | | | | |
|--------|----|---|--------------|--------------|---------------|---------------|
| PE | | 6 | 18 (1233) | - | 9.2 (1.9) | - |
| PP | | 6 | 30 (2055) | 40 (2740) | 8.8 (1.8) | 13.7 (2.8) |
| POM | AT | 6 | 50 (3425) | 60 (4110) | 17.6 (3.6) | 22.2 (4.6) |
| POM-HC | | 6 | 50 (3425) | 60 (4110) | 17.6 (3.6) | 22.2 (4.6) |
| PXX-HC | | 6 | 30 (2055) | 40 (2740) | 8.8 (1.8) | 13.7 (2.8) |



| | | | | | | |
|--------|----|---|--------------|--------------|---------------|---------------|
| PP | | 0 | 30 (2055) | 40 (2740) | 9.7 (2.0) | 14.6 (3.0) |
| POM | AT | 0 | 50 (3425) | 60 (4110) | 19.5 (4.0) | 24.1 (4.9) |
| POM-HC | AT | 0 | 50 (3425) | 60 (4110) | 19.5 (4.0) | 24.1 (4.9) |
| PXX-HC | AT | 0 | 30 (2055) | 40 (2740) | 9.7 (2.0) | 14.6 (3.0) |

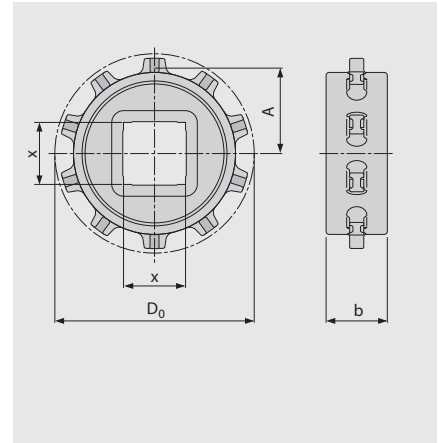


| | | | | | | |
|--------|----|---|--------------|--------------|---------------|---------------|
| PP | | 6 | 30 (2055) | 40 (2740) | 9.2 (1.9) | 14.1 (2.9) |
| POM | AT | 6 | 50 (3425) | 60 (4110) | 18.5 (3.8) | 23.1 (4.7) |
| POM-HC | AT | 6 | 50 (3425) | 60 (4110) | 18.5 (3.8) | 23.1 (4.7) |
| PXX-HC | AT | 6 | 30 (2055) | 40 (2740) | 9.2 (1.9) | 14.1 (2.9) |



| | | | | | | |
|-----|--|---|--------------|--------------|---------------|---------------|
| PE | | 0 | 18 (1233) | - | 9.7 (2.0) | - |
| PP | | 0 | 30 (2055) | 40 (2740) | 9.3 (1.9) | 14.2 (2.9) |
| POM | | 0 | 50 (3425) | 60 (4110) | 18.6 (3.8) | 23.2 (4.8) |

Sprockets



| Sprocket size | Z10 | Z16 | Z20 | | |
|---------------------|-------|-------|--------|--|--|
| b [mm] | 40 | 40 | 40 | | |
| ["] | (1.6) | (1.6) | (1.6) | | |
| D ₀ [mm] | 130 | 206 | 257 | | |
| ["] | (5.1) | (8.1) | (10.1) | | |
| A [mm] | 56 | 94 | 119 | | |
| ["] | (2.2) | (3.7) | (4.7) | | |

| x [mm] (sprocket bore metric) | | | | |
|-------------------------------|---|---|---|--|
| 40 | ■ | | | |
| 60 | | ■ | ■ | |
| 80 | | ■ | ■ | |
| 90 | | | ■ | |

| x ["] (sprocket bore imperial) | | | | |
|--------------------------------|---|---|---|--|
| 1.5 | ■ | | | |
| 2.5 | | ■ | ■ | |

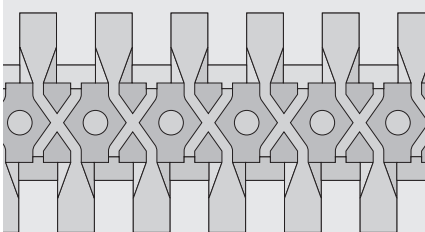
- Sprocket bore round
- Sprocket bore square

D₀ Pitch circle diameter
A Distance centre of sprocket bore/
top edge support

The fold-out page at the back will explain all abbreviations used and the type key.

Module design

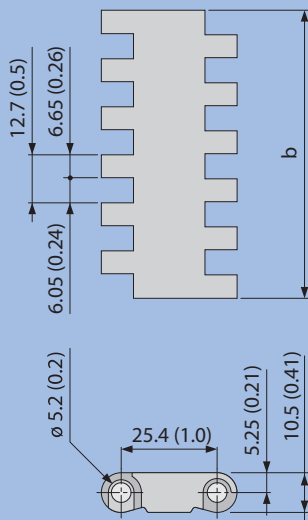
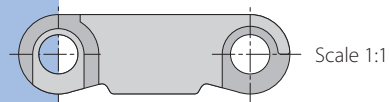
Ribbing (viewed from below)



Siegling Prolink

Series 8

Linear modules,
pitch 25.4 mm (1")



Design characteristics

- Medium to heavy-duty belt for industrial applications.
- Excellent for conveying containers, bottles, boxes, for accumulation sections, freight, tyre manufacturing etc
- Available in impact-resistant materials.

Belt types

S8-0 FLT

Closed, smooth surface

Pitch

25.4 mm (1")

Belt width min.

38.1 mm (1.5")

Width increments

In increments of 12.7 mm (0.5")

Hinge pins

Made of plastic (PBT, PP).

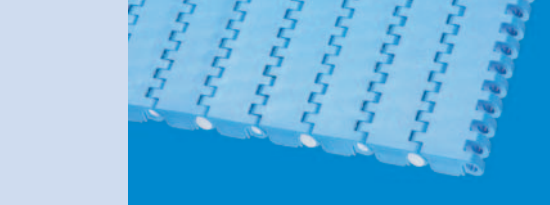
One-piece up to a belt width of 914.4 mm (36").

Certification

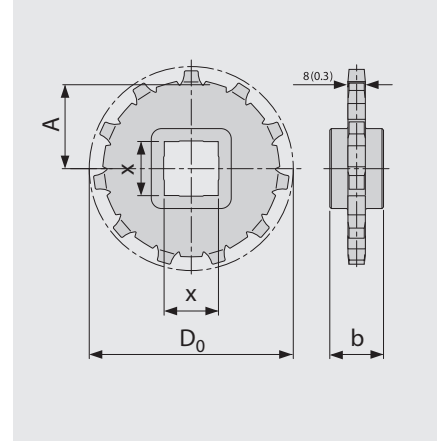
For certification see fold-out page.

Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.

| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] | Weight [kg/m ² (lb/ft ²)] |
|-----------|---------|---------------|------------------------------------|--|
| PP | WT/LG | 0 | 20 (1370) | 7.1 (1.5) |
| POM | BL | 0 | 40 (2740) | 10.6 (2.2) |
| POM-CR | AT | 0 | 40 (2740) | 10.6 (2.2) |
| PXX-HC | | 0 | 20 (1370) | 7.1 (1.5) |



Sprockets



| Sprocket size | Z11 | Z15 | Z19 |
|---------------------------------------|-------|-------|-------|
| b [mm] | 25 | 25 | 25 |
| ["] | (1) | (1) | (1) |
| D ₀ [mm] | 91.6 | 124.1 | 156.8 |
| ["] | (3.6) | (4.9) | (6.2) |
| A [mm] | 40.6 | 56.8 | 73.2 |
| ["] | (1.6) | (2.2) | (2.9) |
| x [mm] (sprocket bore metric) | | | |
| 30 | ● | ● | |
| 40 | ■ | ■ | ■ |
| 60 | | ■ | ■ |
| 80 | | | ■ |
| x ["] (sprocket bore imperial) | | | |
| 1.5 | ● | ■ | ■ |
| 2.5 | | | ■ |

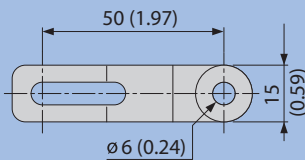
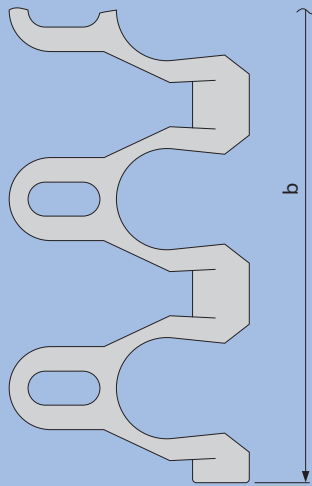
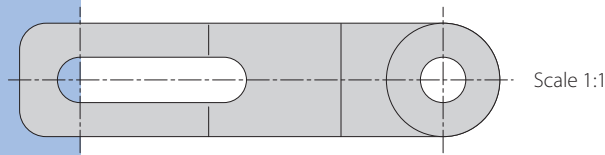
- Sprocket bore round
- Sprocket bore square

- D₀ Pitch circle diameter
- A Distance centre of sprocket bore/ top edge support

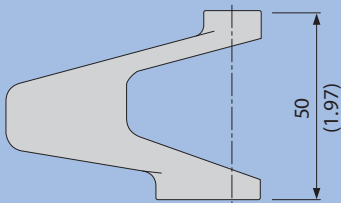
The fold-out page at the back will explain all abbreviations used and the type key.

Siegling Prolink Series 9

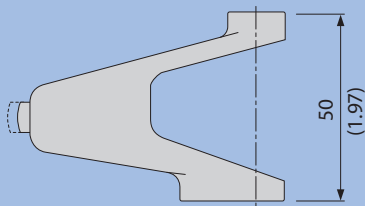
Curved modules,
pitch 50 mm (2")



Left side module



Left F2-F8 module



Design characteristics

- Heavy-duty radius and spiral belt with stainless steel hinge pins. Very strong and versatile.
- Minimum turning radius of 1.8 x belt width.
- Large open area provides excellent product drying and cooling capability.
- Used for spiral cooling towers, spiral freezers and radius conveyors in food industries such as baking, meat and poultry processing and processed foods.

Pitch

50 mm (2")

Belt width min.

100 mm (3.9")
(side modules only available without NTP-pattern).

Width increments

In increments of 50 mm (2").

Hinge pins

Stainless steel (plastic pins can also be used for straight conveyors).

Certification

For certification see fold-out page.

Technical notes

Minimum curve radius = 1.8 x belt width.
Minimum length of the straight in-feed/
out-feed section before and after the
curve = 2 x belt width.

Please contact us should you require small curve radii.

Belt types

S9-57 GRT

Smooth surface with large open area

S9-57 GRT G

Smooth surface with large open area
and hold-down tabs

S9-57 NTP

Very permeable, lattice-shaped surface
with 1.7 mm/0.07" high round studs

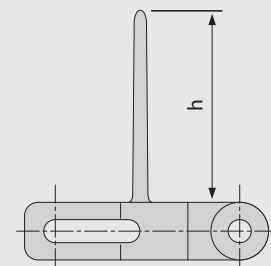
S9-57 GRT F2, F3, F4, F5, F6, F7, F8

Longer side modules for smoother tracking
when turning radius is large

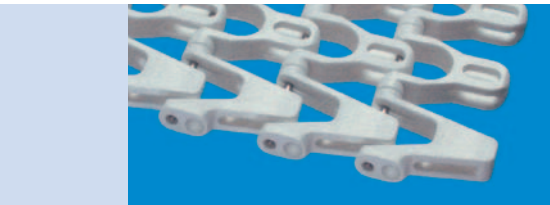
Profile and side guard designs/ special modules

Profiles

25, 50 mm (1, 2") height

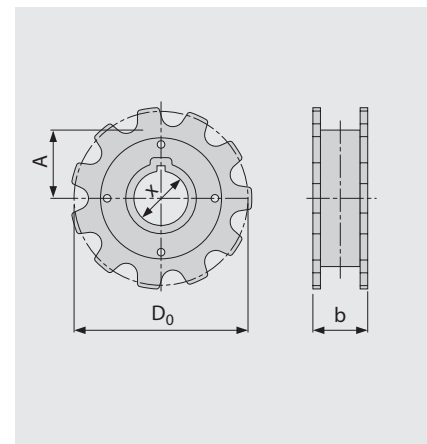


Key dimensions in mm and inches ("), scale 1:2.
All imperial dimensions (inches) are rounded off.



| Materials | Colours | Open area [%] | Allowable belt pull [N/mm (lb/ft)] (Straight) | Allowable belt pull [N (lb)] (Curves) | Weight [kg/m ² (lb/ft ²)] (Stainless steel pins) |
|-----------|---------|---------------|--|--|--|
| PE | | 57 | 12 (822) | – | 9.5 (1.9) |
| PP | WT/LG | 57 | 22 (1507) | 1600 (360) | 9.3 (1.9) |
| POM | WT/LG | 57 | 30 (2055) | 2800 (630) | 11.5 (2.4) |
| PE | | 57 | 12 (822) | – | 9.5 (1.9) |
| PP | WT | 57 | 22 (1507) | 1600 (360) | 9.3 (1.9) |
| POM | WT | 57 | 30 (2055) | 2800 (630) | 11.5 (2.4) |
| PE | | 57 | 12 (822) | – | 9.7 (2.0) |
| PP | | 57 | 22 (1507) | 1600 (360) | 9.4 (1.9) |
| POM | | 57 | 30 (2055) | 2800 (630) | 11.7 (2.4) |
| PE | | 57 | 12 (822) | – | 9.5 (1.9) |
| PP | | 57 | 22 (1507) | 1600 (360) | 9.3 (1.9) |
| POM | | 57 | 30 (2055) | 2800 (630) | 11.5 (2.4) |

Sprockets



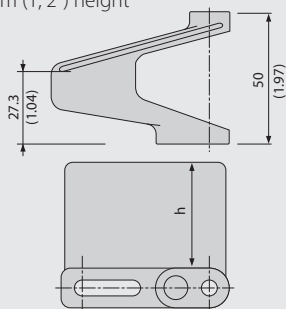
| Sprocket size | Z11 DR | | | |
|--------------------------------------|--------|--|--|--|
| b [mm] | 49 | | | |
| ["] | (1.9) | | | |
| D ₀ [mm] | 177 | | | |
| ["] | (7.0) | | | |
| A [mm] | 81 | | | |
| ["] | (3.2) | | | |
| x [mm] (sprocket bore metric) | | | | |
| 40 | ●/■ | | | |

- Sprocket bore round
- Sprocket bore square

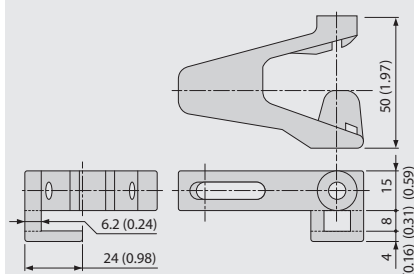
D₀ Pitch circle diameter
A Distance centre of sprocket bore/
top edge support
DR Double row sprocket

The fold-out page at the back will explain all abbreviations used and the type key.

Side guards 25, 50 mm (1, 2") height

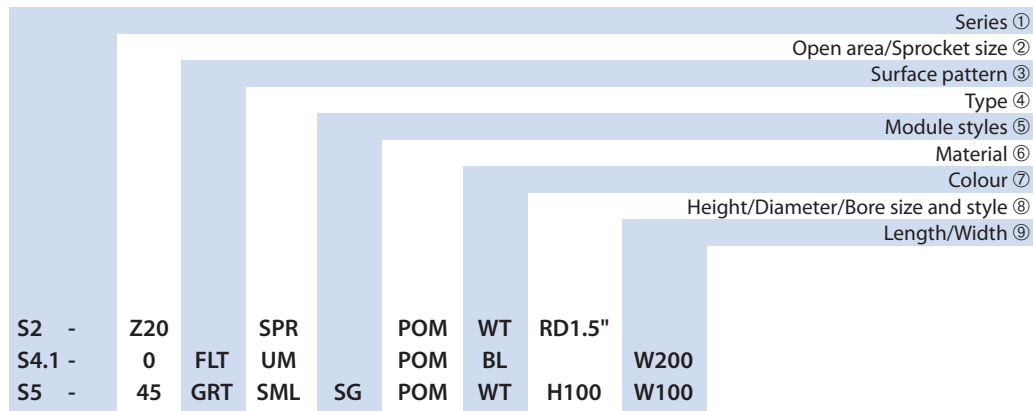


Guided version (G)



Type designation, key

Type designation*



Key

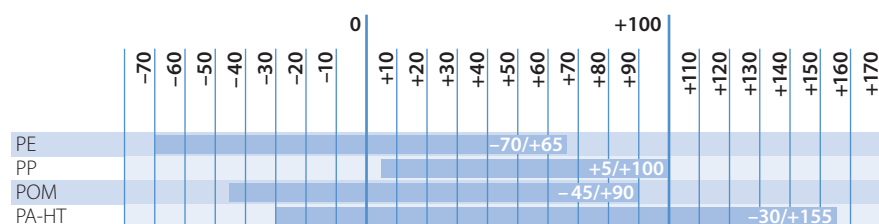
| | | | |
|---|--|--|--|
| ① Series S1 S2 S3 S4.1 S5 S6.1 S7 S8 S9 | ④ Type CM = Centre module SML = Side module, left SMR = Side module, right SMU = Side module, universal/both sides UM = Universal module PMC = Profile module centre PMU = Profile module universal CLP = Clip RI = Rubber insert SG = Module with sideguard PIN = Coupling rod FPL = Finger plate SPR = Sprocket RTR = Retaining ring TPL = Turning panel, left TPR = Turning panel, right | ⑥ Material PA 6.6 = Polyamide PA 6.6-HT = Polyamide high temperature PBT = Polybutylenterephthalate PE = Polyethylene PE-HA = PE with HACCP batch PE-MD = PE metal detectable POM = Polyoxymethylene (Polyacetal) POM-CR = POM cut resistant POM-CRHA = POM cut resistant with HACCP batch POM-HA = POM with HACCP batch POM-HC = POM highly conductive POM-MD = POM metal detectable POM-UV = POM UV-resistant PP = Polypropylene PP-HA = PP with HACCP batch PP-HC = PP highly conductive PXX = Self-extinguishing material PXX-HC = Self-extinguishing highly conductive material PPA = Polyphthalamide PPA POM-PE = POM side modules + PE centre modules POM-PP = POM side modules + PP centre modules SER = Self-extinguishing rubber SS = Stainless steel | ⑦ Colour** AT = Anthracite BL = Blue BG = Beige BK = Black DB = Dark blue GN = Green LB = Light blue LG = Light grey OR = Orange RE = Red TR = Transparent WT = White YL = Yellow |
| 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 | ⑤ Module styles BT = Bearing tap G = Guided SG = Side guard ST = Strong (S5) DR = Double row sprocket SP = Split sprocket F1, F2, = Collapse factor F3 ... = modules | 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 RDxx" | ⑨ Length/Width Pins Length in mm Format: Lxxx Module width in mm Format: Wxxx |

* Not every product requires all characteristics (within the designation). If there is an irrelevant characteristic, this category will be ignored and replaced by the following one.

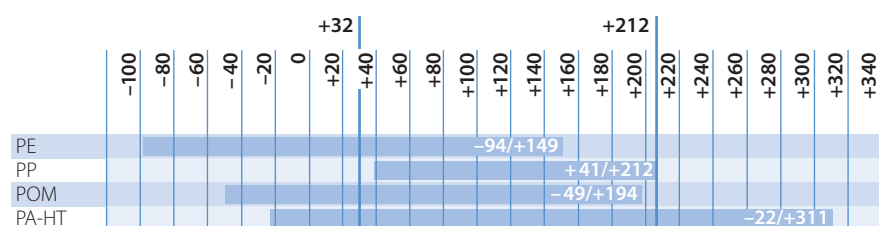
** Please refer to the table of types for each series' standard colours. A number of other colours are available on request. Colours can vary from the original due to the print, production processes or material used.

Temperature ranges/HACCP types/materials

Temperature ranges in °C



Temperature ranges in °F



HACCP types/certification

Siegling Prolink modular belts made of PE, PP and POM comply with FDA regulations and EU-directive 1935/2004, as well as the associated directives on the materials used and migration levels.

Due to a variety of hygiene-friendly properties, some series support your HACCP concept. These properties include:

Excellent resistance to hydrolysis

- resistant to hot water, cleaning agents and disinfectants

Good release properties

- beneficial when manufacturing adhesive foodstuffs (minimal product wastage)
- product residue is easy to remove
- easy-to-clean hinge design

Blue a strong colour contrast

- soiling is easier to identify
- suitable for usage in optical sorters
- reduces light reflection, making working conditions better

Materials

PE (Polyethylene)

- very good chemical resistance to acids and alkalis
- very good release properties due to low surface tension
- good friction and abrasion behaviour
- extremely tough
- low specific weight

PP (Polypropylene)

- standard material for normal conveying applications
- quite strong and stiff
- good dynamic capacity
- highly resistant to acids, alkalis, salts, alcohols
- low specific weight
- no risk of stress cracks forming

POM (Polyoxymethylene/Polyacetal)

- very dimensionally stable
- very strong and stiff
- high chemical resistance to organic solvents
- lower drag
- very durable material
- hard, incision-resistant surface

POM-CR (POM cut resistant)

- highly resistant to impact and incision
- easy to clean
- minimal ridge formation
- low risk of material delamination

POM-HC (POM highly conductive)

- highly conductive material
- surface resistivity $< 10^6 \Omega$ (according to specification)
- very strong and stiff
- very good friction and abrasion properties

POM-MD (POM metal detectable)

- material easily detected in metal detectors
- very strong and stiff
- very good tribological properties (friction and abrasion levels)

PA 6.6-HT (Polyamide high temperature)

- material reinforced with fibre glass
- very high short-term temperature resistance up to 180 °C (356 °F)
- absorbs little water in humid environments
- very stiff
- durable

PXX-HC (self-extinguishing highly conductive material)

- flame retardant in line with DIN EN 13501 (B_{fl}-s1) and DIN 4102 (B1)
- surface resistivity $< 10^6 \Omega$
- specially for use in the automotive industry

PBT (Polybutylenterephthalate)

- good wear resistance
- very good abrasive resistance
- good strength and stiffness

PXX (self-extinguishing material)

- quite strong and stiff
- good dynamic capacity
- highly resistant to acids, alkalis, salts, alcohols

Committed staff, quality-orientated organisation and production processes ensure the constantly high standards of our products and services. The Forbo Siegling Quality Management System is certified in accordance with DIN EN ISO 9001.

In addition to product quality, environmental protection is an important corporate goal. Early on we also introduced an environmental management system, certified in accordance with ISO 14001.



Forbo Siegling Service – anytime, anywhere

In the company group, Forbo Siegling employs more than 1800 people worldwide. Our production facilities are located in eight countries; you can find companies and agencies with stock and workshops in more than 50 countries. Forbo Siegling service centres provide qualified assistance at more than 300 locations throughout the world.