

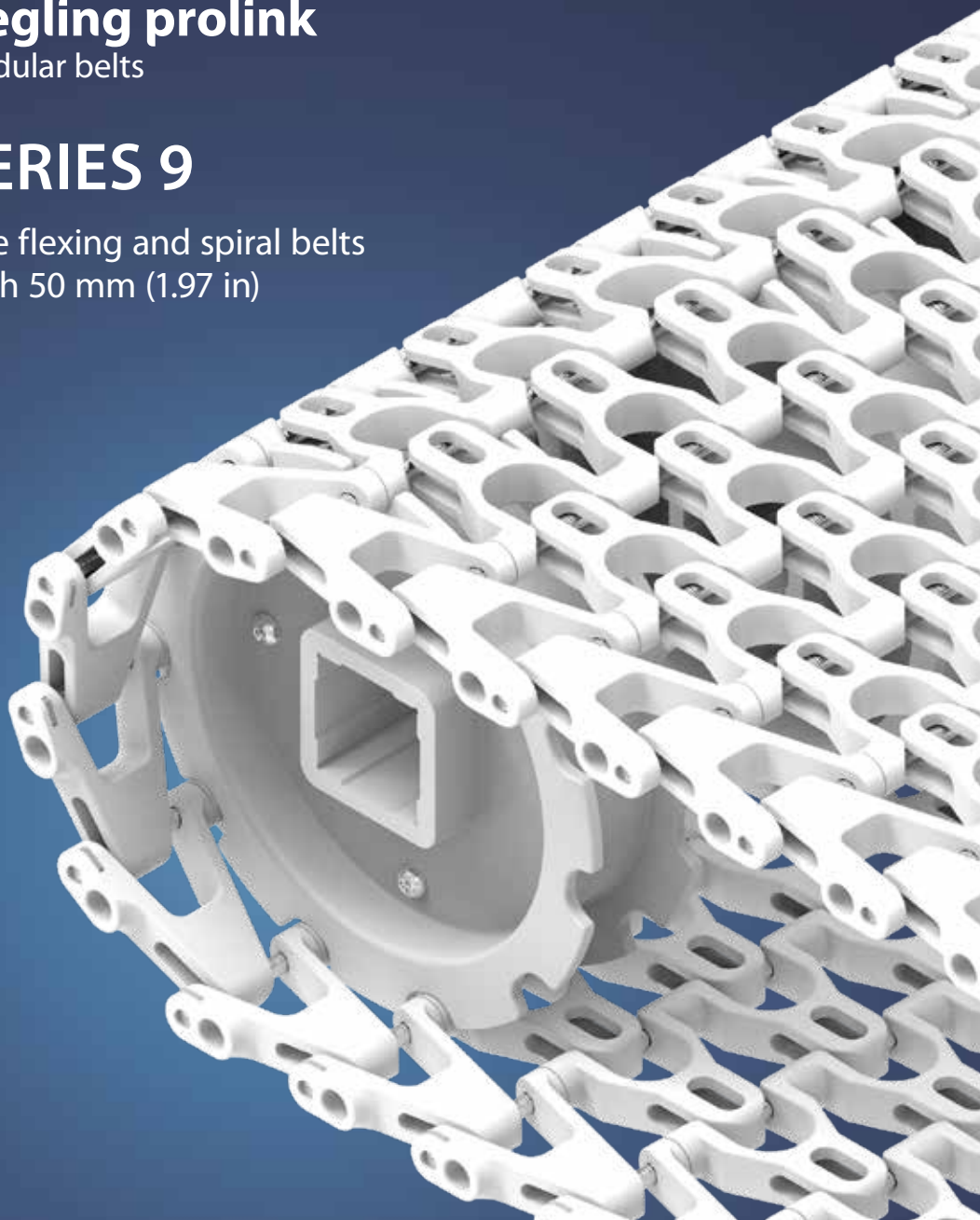
# EXCERPT FROM PROLINK ENGINEERING MANUAL

08/25 (Ref-No. 888)

**siegling prolink**  
modular belts

## SERIES 9

Side flexing and spiral belts  
Pitch 50 mm (1.97 in)



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Ref. no. 888-1\_1.2\_S9

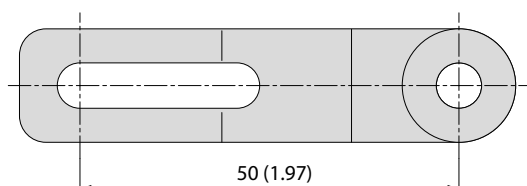
# SERIES 9 | OVERVIEW

**siegling prolink**  
modular belts

Side flexing and spiral belts | Pitch 50 mm (1.97 in)

Belts for medium to heavy-duty food and non-food applications

Side view scale 1:1



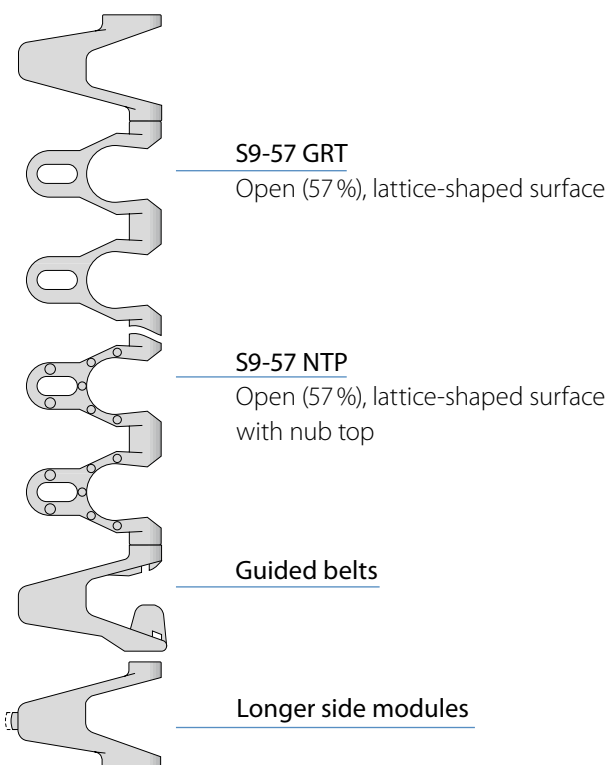
## Design characteristics

- Suitable for both straight and radius conveying
- 57 % open area for excellent air circulation and drainage
- Stainless steel hinge pins for high load capacity, lateral stiffness, less belt supports and minimum belt lifting in curves
- No potential belt edge catch points due to safe fixing of hinge pin

## Basic data

Pitch	50 mm (1.97 in)
Belt width min.	100 mm (3.9 in)
Width increments	50 mm (1.97 in)
Hinge pins	6 mm (0.24 in) made of stainless steel

Available surface pattern and opening area



## Attention:

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

## Sprockets

in different sizes with round or square bore



## Profiles

in different heights and designs for inclines



## Side guards

in different heights for retention of bulk products



## Self stacker

in different heights for spiral applications



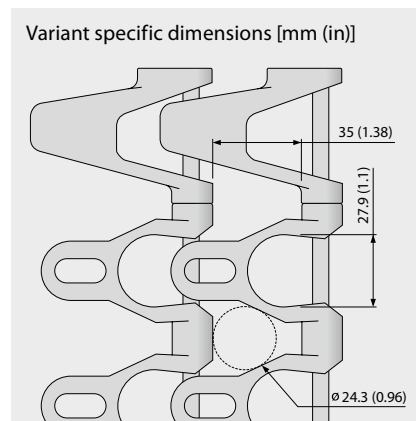
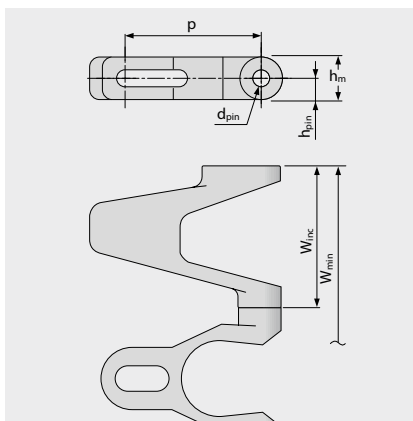
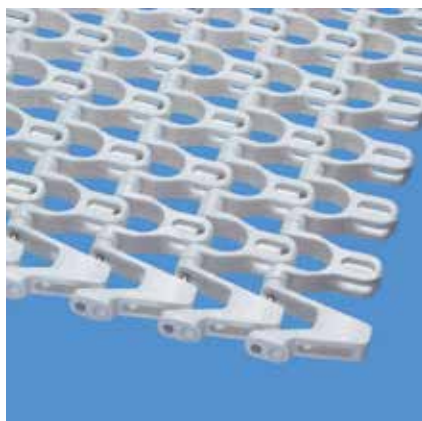
# SERIES 9 | BELT TYPES

siebling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in) |  $C_c = 1.8$

## S9-57 GRT | 57 % Opening | Grid top

Open area (57 %) for excellent air circulation and drainage | 31 % contact area (Largest opening:  $\varnothing = 24.3$  mm/0.96 in) | Lattice-shaped surface | Collapse factor ( $C_c$ ) = 1.8



### Belt dimensions

	p	d <sub>pin</sub>	h <sub>m</sub>	h <sub>pin</sub>	h <sub>s</sub>	W <sub>min</sub>	W <sub>inc</sub>	W <sub>tol</sub>	Minimum flex radii <sup>1)</sup>				
	Pitch	Pin Ø	Thickness	Pin position	Height	Width min.	Width Increment	Width tolerance [%]	r1 C <sub>c</sub> x W <sub>B</sub>	r2	r3	r4	r5
mm	50.0	6.0	15.0	7.5	0.0	150.0	50.0	±0.3	1.8 x W <sub>B</sub>	50.0	100.0	150.0	50.0
inch	1.97	0.24	0.59	0.3	0.0	5.91	1.97	±0.3	1.8 x W <sub>B</sub>	1.97	3.94	5.91	1.97

W<sub>B</sub> = Belt width, further information regarding r1 see page III-31

### Available standard materials<sup>3)</sup>

Belt		Pin	Nominal belt pull, straight		Nominal belt pull, curve		Weight		Width deviation	Temperature		Certificates <sup>2)</sup>		
Material	Color	Material	[N/mm]	[lb/ft]	[N]	[lb]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA	EU	MHLW
PE	WT	SS	12	822	NR	NR	9.5	1.95	0.0	-70/65	-94/149	●	●	●
PP	WT	SS	22	1507	1600	360	9.3	1.9	0.0	5/100	41/212	●	●	●
PP	LG	SS	22	1507	1600	360	9.3	1.9	0.0	5/100	41/212	●	●	●
POM-CR	UC	SS	30	2056	2800	629	11.5	2.36	0.0	-45/90	-49/194	●	●	●
POM-CR	LG	SS	30	2056	2800	629	11.5	2.36	0.0	-45/90	-49/194	●	●	●
POM-CR	DB	SS	30	2056	2800	629	11.5	2.36	0.0	-45/90	-49/194	●	●	●
PA*	BL	SS	24	1645	2240	504	11.3	2.31	0.0	-40/120	-40/248	●	●	●

NR = not recommended

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

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

■ DB (Dark blue), ■ LG (Light gray), □ WT (White), □ UC (Uncolored)

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.

<sup>1)</sup> 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

<sup>2)</sup> Complies with FDA 21 CFR | Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds | Complies with Japanese MHLW Notification 370

● = available | – = not available | empty cells = not tested

<sup>3)</sup> More materials and colors on request



MOVEMENT SYSTEMS

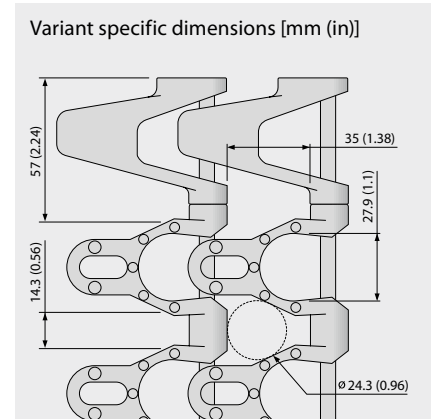
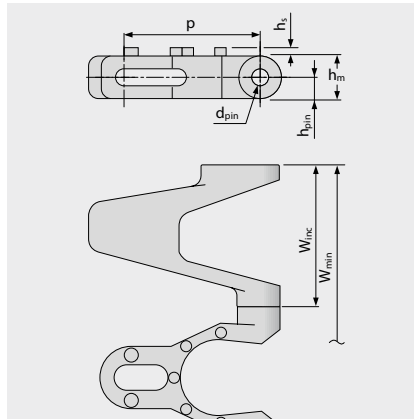
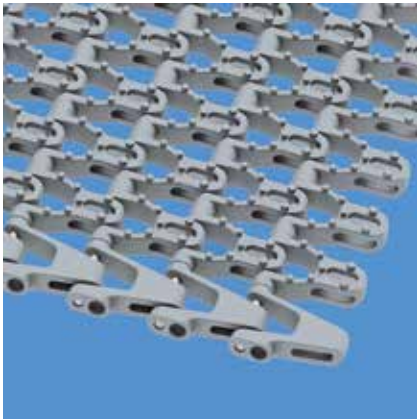
# SERIES 9 | BELT TYPES

**siebling prolink**  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in) |  $C_c = 1.8$

## S9-57 NTP | 57 % Opening | Nub top (round studs)

Open area (57 %) for excellent air circulation and drainage | Lattice-shaped surface with 3.0 mm (0.12 in) high round studs  
4 % contact area (Largest opening:  $\varnothing = 24.3$  mm/0.96 in) | Nub top surface for increased grip and reduced contact area for good release | Collapse factor ( $C_c$ ) = 1.8



### Belt dimensions

	p	d <sub>pin</sub>	h <sub>m</sub>	h <sub>pin</sub>	h <sub>5</sub>	W <sub>min</sub>	W <sub>inc</sub>	W <sub>tol</sub>	Minimum flex radii <sup>1)</sup>				
	Pitch	Pin Ø	Thickness	Pin position	Height	Width min.	Width Increment	Width tolerance [%]	r1 C <sub>c</sub> x W <sub>B</sub>	r2	r3	r4	r5
mm	50.0	6.0	15.0	7.5	3.0	150.0	50.0	±0.3	1.8 x W <sub>B</sub>	50.0	100.0	150.0	50.0
inch	1.97	0.24	0.59	0.3	0.12	5.91	1.97	±0.3	1.8 x W <sub>B</sub>	1.97	3.94	5.91	1.97

W<sub>B</sub> = Belt width, further information regarding r1 see page III-31

### Available standard materials<sup>3)</sup>

Belt		Pin	Nominal belt pull, straight		Nominal belt pull, curve		Weight		Width deviation	Temperature		Certificates <sup>2)</sup>		
Material	Color	Material	[N/mm]	[lb/ft]	[N]	[lb]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	FDA	EU	MHLW
PP	LG	SS	22	1507	1600	360	9.4	1.93	0.0	5/100	41/212	●	●	●

### Mold to order belts

PE		SS	12	822	NR	NR	9.7	1.99	0.0	-70/65	-94/149			
POM-CR		SS	30	2056	2800	629	11.7	2.4	0.0	-45/90	-49/194			

NR = not recommended

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

■ 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.

<sup>1)</sup> 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

<sup>2)</sup> Complies with FDA 21 CFR | Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds | Complies with Japanese MHLW Notification 370

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<sup>3)</sup> More materials and colors on request



MOVEMENT SYSTEMS

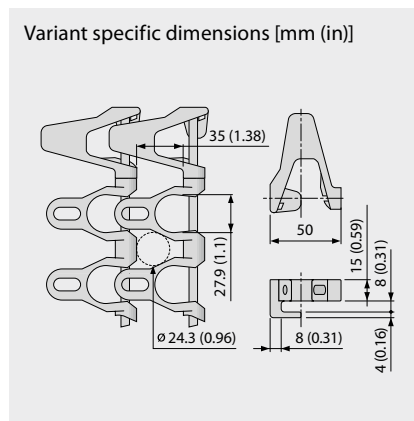
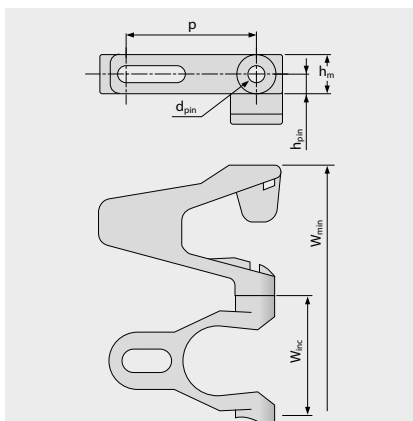
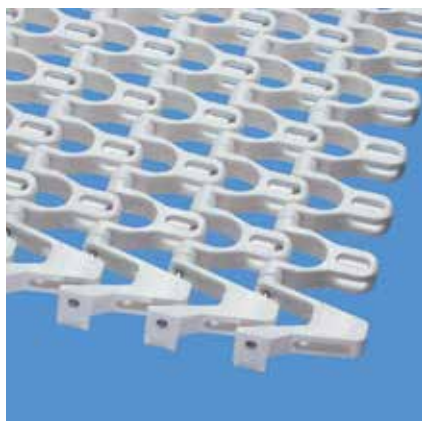
# SERIES 9 | BELT TYPES

siebling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in) |  $C_c = 1.8$

## S9-57 GRT G | 57 % Opening | Grid top · guided

Open area (57 %) for excellent air circulation and drainage | 31 % contact area (Largest opening:  $\varnothing = 24.3$  mm/0.96 in) | Lattice-shaped surface | Guided version (G) allows utilization of the entire belt width | Collapse factor ( $C_c$ ) = 1.8



### Belt dimensions

	p	d <sub>pin</sub>	h <sub>m</sub>	h <sub>pin</sub>	h <sub>s</sub>	W <sub>min</sub>	W <sub>inc</sub>	W <sub>tol</sub>	Minimum flex radii <sup>1)</sup>				
	Pitch	Pin Ø	Thickness	Pin position	Height	Width min.	Width Increment	Width tolerance [%]	r1 C <sub>c</sub> x W <sub>B</sub>	r2	r3	r4	r5
mm	50.0	6.0	15.0	7.5	0.0	150.0	50.0	±0.3	1.8 x W <sub>B</sub>	50.0	100.0	150.0	50.0
inch	1.97	0.24	0.59	0.3	0.0	5.91	1.97	±0.3	1.8 x W <sub>B</sub>	1.97	3.94	5.91	1.97

W<sub>B</sub> = Belt width, further information regarding r1 see page III-31

### Available standard materials<sup>3)</sup>

Belt		Pin	Nominal belt pull, straight		Nominal belt pull, curve		Weight		Width deviation	Temperature		Certificates <sup>2)</sup>		
Material	Color	Material	[N/mm]	[lb/ft]	[N]	[lb]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	FDA	EU	MHLW
POM-CR	UC	SS	30	2056	2800	629	11.5	2.36	0.0	-45/90	-49/194	●	●	●
Mold to order belts														
PE		SS	12	822	NR	NR	9.5	1.95	0.0	-70/65	-94/149			

NR = not recommended

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

■ LG (Light gray), □ UC (Uncolored)

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.

<sup>1)</sup> 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

<sup>2)</sup> Complies with FDA 21 CFR | Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds | Complies with Japanese MHLW Notification 370

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<sup>3)</sup> More materials and colors on request



MOVEMENT SYSTEMS

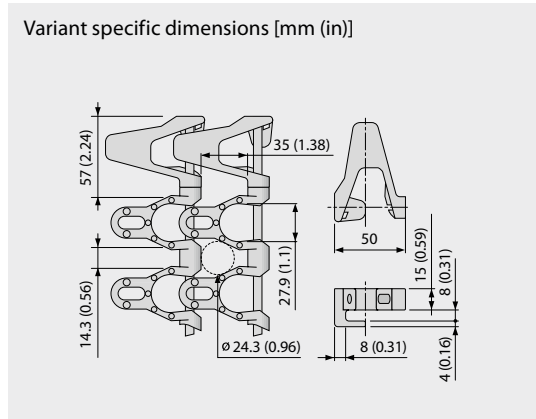
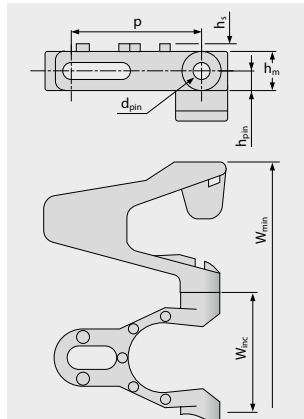
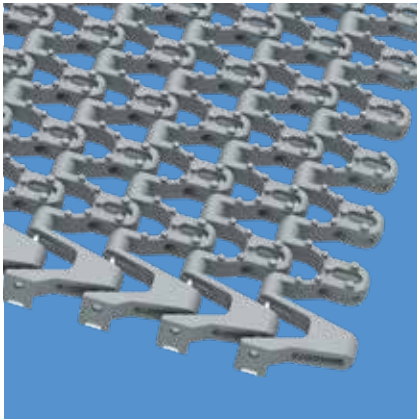
# SERIES 9 | BELT TYPES

siegling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in) |  $C_c = 1.8$

## S9-57 NTP G | 57 % Opening | Nub top (round studs) · guided

Open area (57 %) for excellent air circulation and drainage | With round studs for increased grip (4 % contact area, largest opening:  $\varnothing = 24.3$  mm/0.96 in) | Guided version (G) allows utilization of the entire belt width | Collapse factor ( $C_c$ ) = 1.8



### Belt dimensions

	p	d <sub>pin</sub>	h <sub>m</sub>	h <sub>pin</sub>	h <sub>s</sub>	W <sub>min</sub>	W <sub>inc</sub>	W <sub>tol</sub>	Minimum flex radii <sup>1)</sup>				
	Pitch	Pin Ø	Thickness	Pin position	Height	Width min.	Width Increment	Width tolerance [%]	r1 C <sub>c</sub> x W <sub>B</sub>	r2	r3	r4	r5
mm	50.0	6.0	15.0	7.5	3.0	150.0	50.0	±0.3	1.8 x W <sub>B</sub>	50.0	100.0	150.0	50.0
inch	1.97	0.24	0.59	0.3	0.12	5.91	1.97	±0.3	1.8 x W <sub>B</sub>	1.97	3.94	5.91	1.97

W<sub>B</sub> = Belt width, further information regarding r1 see page III-31

### Available standard materials<sup>3)</sup>

Belt		Pin	Nominal belt pull, straight		Nominal belt pull, curve		Weight		Width deviation	Temperature		Certificates <sup>2)</sup>		
Material	Color	Material	[N/mm]	[lb/ft]	[N]	[lb]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	FDA	EU	MHLW
PP	LG	SS	22	1507	1600	360	9.4	1.93	0.0	5/100	41/212	●	●	●

Mold to order belts														
PE		SS	12	822	NR	NR	9.7	1.99	0.0	-70/65	-94/149			
POM-CR		SS	30	2056	2800	629	11.7	2.40	0.0	-45/90	-49/194			

NR = not recommended

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

■ 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.

<sup>1)</sup> 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

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<sup>3)</sup> More materials and colors on request



MOVEMENT SYSTEMS



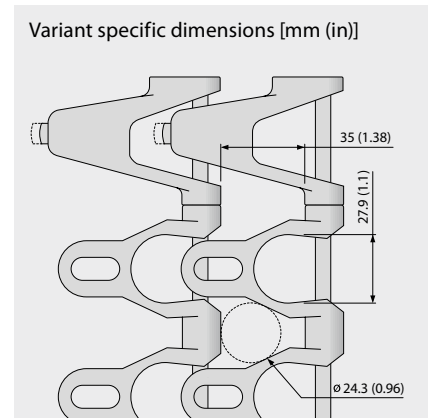
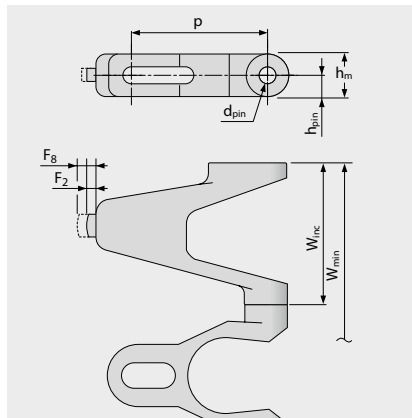
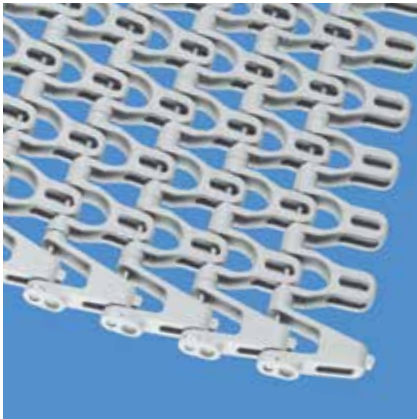
# SERIES 9 | BELT TYPES

siebling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in)

## S9-57 GRT F2, F3, F4, F5, F6, F7, F8 | 57 % Opening

Open area (57 %) for excellent air circulation and drainage (Largest opening:  $\varnothing = 24.3$  mm/0.96 in) | Special edge modules with noses (F2–F8) of varying size ensure smooth belt operation when the system turn radius is greater than the minimum belt turn radius | Collapse factor ( $C_c$ ) = 2.12 – 5.50



### Belt dimensions

	p	d <sub>pin</sub>	h <sub>m</sub>	h <sub>pin</sub>	h <sub>s</sub>	W <sub>min</sub>	W <sub>inc</sub>	W <sub>tol</sub>	Minimum flex radii <sup>1)</sup>				
	Pitch	Pin $\varnothing$	Thickness	Pin position	Height	Width min.	Width Increment	Width tolerance [%]	r1 C <sub>c</sub> x W <sub>B</sub>	r2	r3	r4	r5
mm	50.0	6.0	15.0	7.5	0.0	150.0	50.0	±0.3	C <sub>c</sub> x W <sub>B</sub>	50.0	100.0	150.0	50.0
inch	1.97	0.24	0.59	0.3	0.0	5.91	1.97	±0.3	C <sub>c</sub> x W <sub>B</sub>	1.97	3.94	5.91	1.97

W<sub>B</sub> = Belt width. C<sub>c</sub> see table below

### Available standard materials<sup>3)</sup>

Belt		Pin	Nominal belt pull, straight		Nominal belt pull, curve		Weight		Width deviation	Temperature		Certificates <sup>2)</sup>		
Material	Color	Material	[N/mm]	[lb/ft]	[N]	[lb]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	FDA	EU	MHLW
POM-CR	UC	SS	30	2056	2800	629	11.5	2.36	0.0	-45/90	-49/194	●	●	●

Mold to order belts														
PE		SS	12	822	NR	NR	9.5	1.95	0.0	-70/65	-94/149			
PP		SS	22	1507	1600	360	9.3	1.9	0.0	5/100	41/212			

### Module variants

Module	F2	F3	F4	F5	F6	F7	F8
C <sub>c</sub>	2.12	2.40	2.65	3.0	3.68	4.58	5.50

For further information see chapter 3.3  
(paragraph spiral conveyors)

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

□ UC (Uncolored)

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.

<sup>1)</sup> 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

<sup>2)</sup> Complies with FDA 21 CFR | Complies with (EU) 10/2011 and (EC) 1935/2004 regulations regarding the raw materials used and the migration thresholds | Complies with Japanese MHLW Notification 370

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<sup>3)</sup> More materials and colors on request



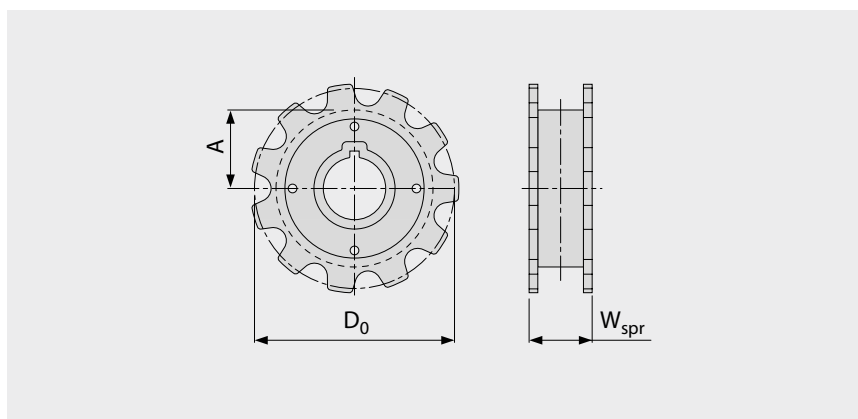
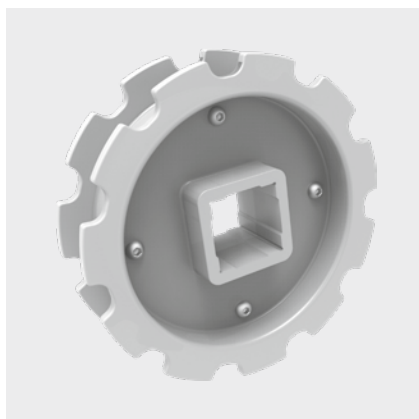
MOVEMENT SYSTEMS

# SERIES 9 | SPROCKETS

siegling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in)

## S9 SPR | Sprockets



### Main dimensions

Sprocket size (Number of teeth)		Z11
W <sub>spr</sub>	mm	49.0
	inch	1.93
D <sub>0</sub>	mm	178.8
	inch	7.04
A <sub>max</sub>	mm	81.9
	inch	3.22
A <sub>min</sub>	mm	77.4
	inch	3.05

**Shaft bores** (● = Round, ■ = Square; ○ or □ = mold to order)

40	mm	● / ■
1.5	inch	□

Material: POM, Color: UC

□ UC (Uncolored)

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

Number of sprockets (sprocket spacing distance) see chapter 3.2



MOVEMENT SYSTEMS



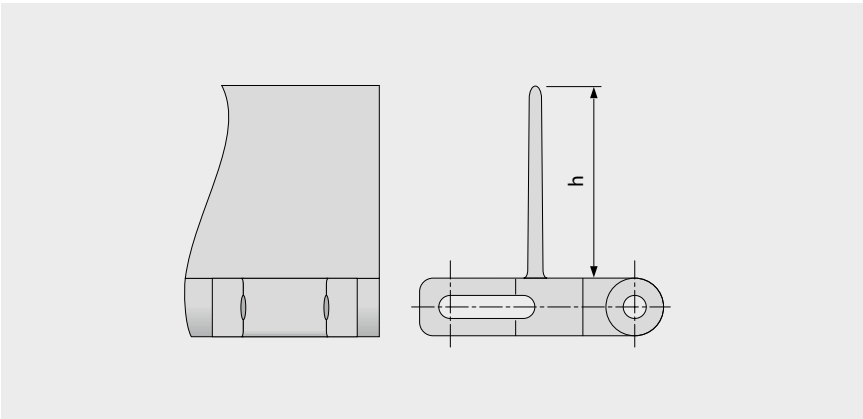
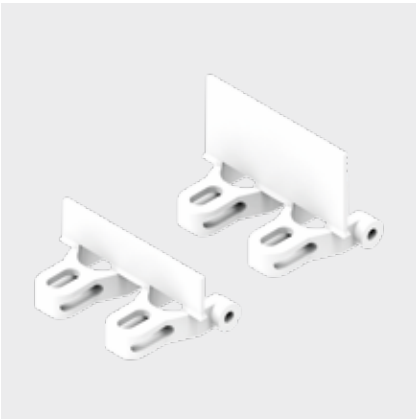
# SERIES 9 | PROFILES

siegling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in)

## S9-57 GRT PMC

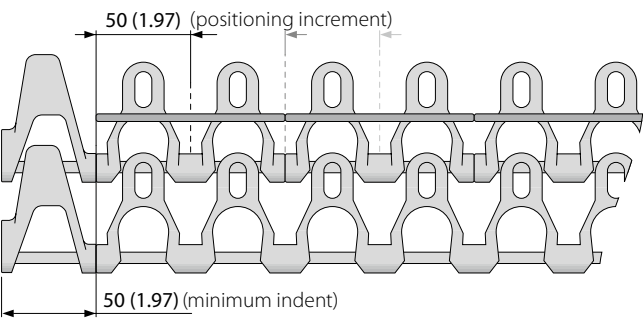
Open version (57 %) base module for drainage



### Basic data

Material	Color	Height (h)	
		25 mm 1 inch	50 mm 2 inch
POM	UC	●	●
PP	WT	●	●

Molded width: 100 mm (3.9 in)



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

□ 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.

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

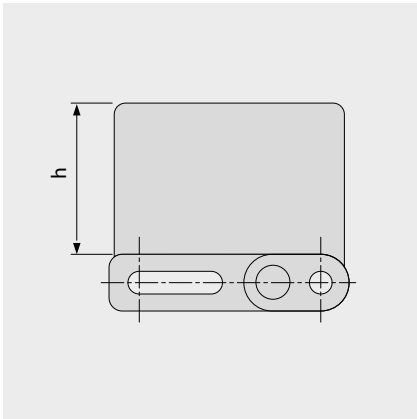
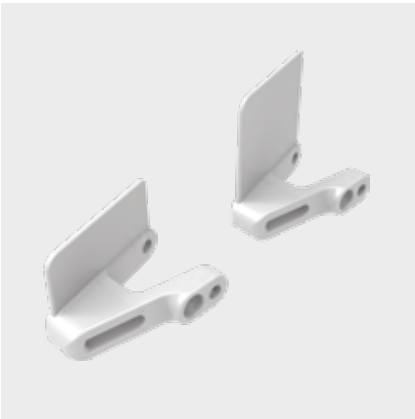
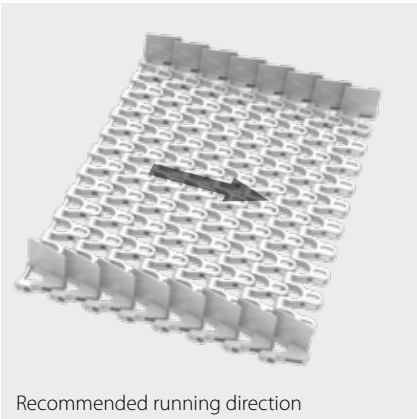
# SERIES 9 | SIDE GUARDS

siebling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in) |  $C_c = 1.8$

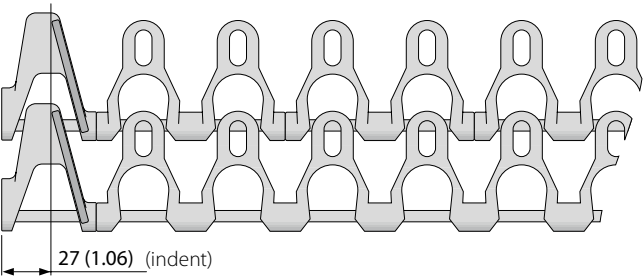
## S9 SG | Side guards

For retention of bulk products | Collapse factor ( $C_c$ ) = 1.8



### Basic data

Material	Color	Height (h)	
		25 mm 1 inch	50 mm 2 inch
POM-CR	UC	●	●



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

□ UC (Uncolored)

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.

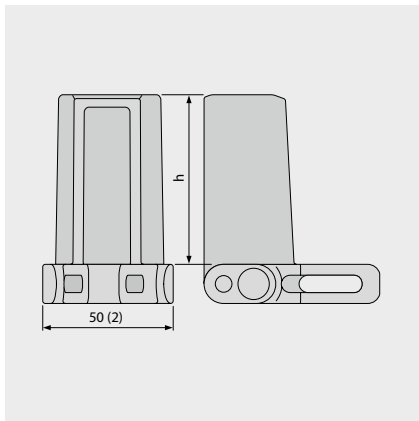
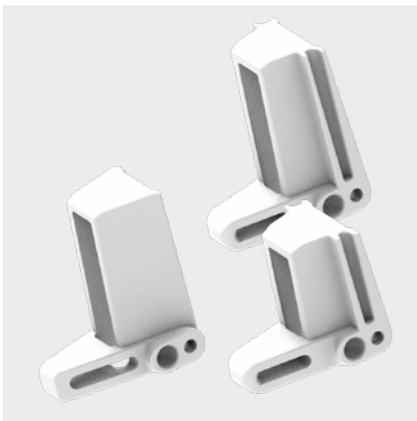
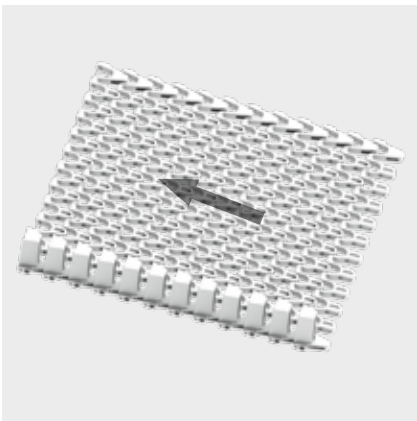
# SERIES 9 | SELF STACKER

siegling prolink  
modular belts

Side flexing and spiral belt | Pitch 50 mm (1.97 in)

## S9 SSL/R | Self Stacker

For spiral applications with limited space in height (SSL/R at curve inside/cage)

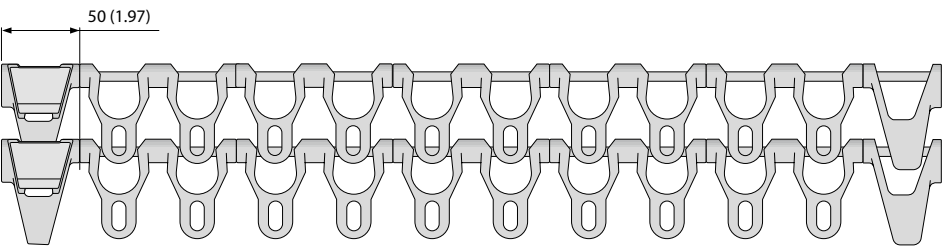


### Basic data

Material	Color	Height (h)	
		45 mm 1.8 inch	65 mm 2.6 inch
POM-CR	WT	●	●

Belt width [mm]	Side flexing (F x W <sub>B</sub> )	
	Factor 1.8	Factor 1.6*
< 300	1.6	1.4
300–800	1.7	1.5
> 800	1.8	1.6

\* 1.6 only in H65 mm available



□ WT (White)

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

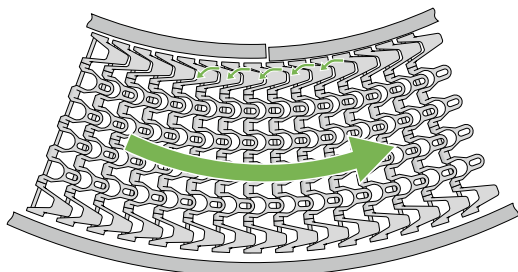
All imperial dimensions (inches) are rounded off.

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

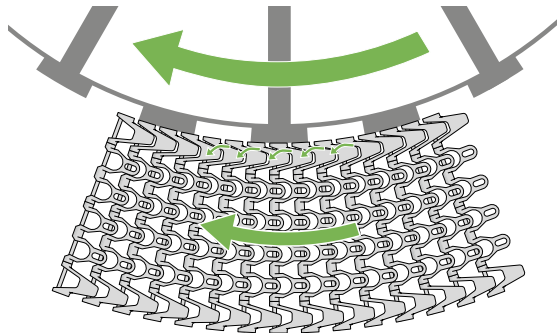
# SERIES 9 | INSTALLATION NOTES

Side flexing and spiral belt | Pitch 50 mm (1.97 in)

## Preferred travel direction

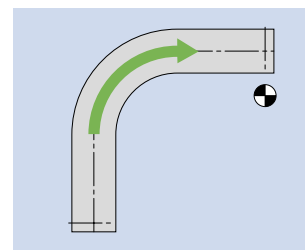
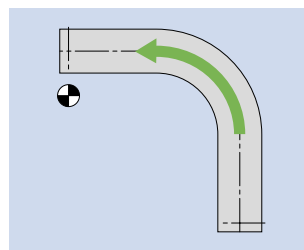
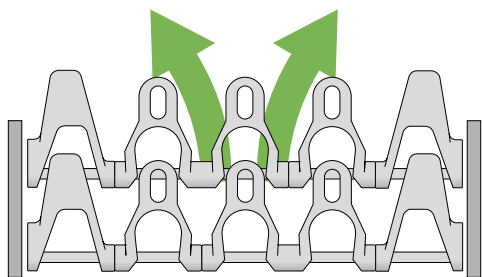


Curve conveyor

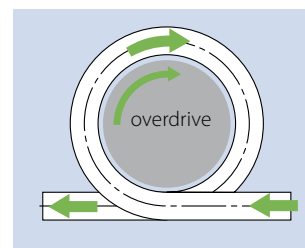
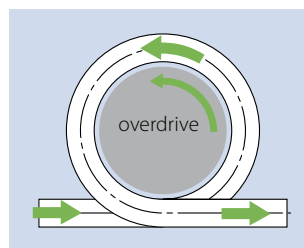
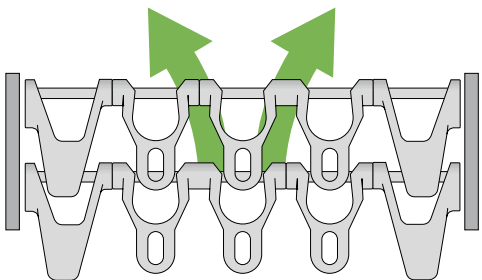


Cage driven spiral

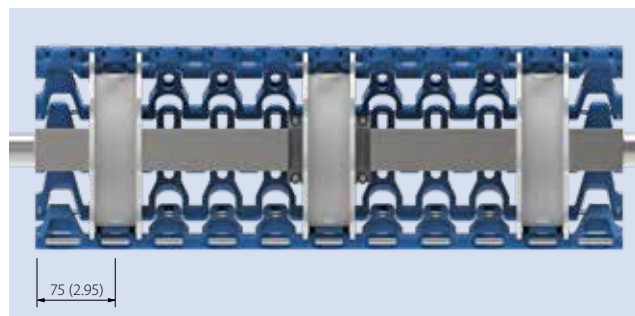
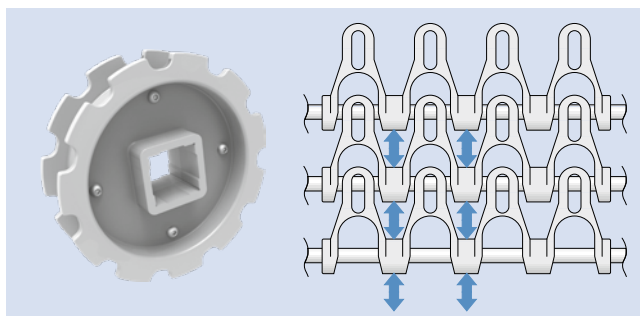
## Curve direction S9 -> CW (ClockWise) and CCW (Counter ClockWise)



## Curve direction S9 - Spiral application -> CW (ClockWise) and CCW (Counter ClockWise)



## Sprocket position



Further information in chapter 3 and 5

# LEGEND

① Series
S1 ... S18

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-OG	Friction top without High Grip insert
FRT(X)	Friction top (Design X)
GRT	Grid top
HDK	High Deck
LRB	Lateral rib
MOD	Modified module shape
NCL	No cling
NPY	Negative pyramid
NSK	Non skid
NSK2	Non skid, nonwoven variant
NTP	Nub top (round studs)
PRR	Pin Retained Rollers
RAT	Radius top
RRB	Raised rib
RSA	Reduced surface area
RTP	Roller top
SRS	Slip-resistant surface

④ Type	
<b>BPU</b>	Bucket profile
<b>CAP</b>	Pin lock & belt edge sealing
<b>CCW</b>	Counter clockwise
<b>CLP</b>	Clip
<b>CM</b>	Center module
<b>CW</b>	Clockwise
<b>FPL</b>	Finger plate
<b>HDT</b>	Hold Down Tab
<b>IDL</b>	Idler
<b>PIN</b>	Coupling rod
<b>PMC</b>	Profile module center
<b>PMU</b>	Profile module universal
<b>PSP</b>	ProSnap

<b>PSU-0</b>	Prof. scoop uni. closed
<b>PSU-X</b>	Prof. scoop uni. x% open
<b>RI</b>	High Grip insert
<b>ROL</b>	Rollers
<b>RTR</b>	Retaining ring
<b>SG</b>	Module with sideguard
<b>SGL</b>	Side guard, left
<b>SGR</b>	Side guard, right
<b>SLI</b>	Slider
<b>SMA</b>	Side module, A side
<b>SMB</b>	Side module, B side
<b>SML</b>	Side module, left
<b>SMR</b>	Side module, right
<b>SMT</b>	Side module, tight radius
<b>SMU</b>	Side module, universal/both sides
<b>SPR</b>	Sprocket
<b>SPR-SP</b>	Split sprocket, 2-part
<b>SSL</b>	Self stacker side module, left
<b>SSR</b>	Self stacker side module, right
<b>TPL</b>	Turning panel, left
<b>TPR</b>	Turning panel, right
<b>UM</b>	Universal module
<b>WSC</b>	Wheel Stopper Center
<b>WSS</b>	Wheel Stopper Side

⑤ Style	
1.6	1.6 collapse factor
1.7	1.7 collapse factor
2.2	2.2 collapse factor
2.2 G	2.2 collapse factor, guided
A90	Angle 90° to conveying direction
BT	Bearing tab
DR	Double row sprocket
F1, F2, F3 ...	Collapse factor modules
G	Guided
GT	Guiding tabs
HD	Hold Down
HR	Hard removable pin
Ixx	xx = indent in mm
RG	Reversed guided
SG	Side guard
SP	Split sprocket
ST	Strong
V2	Version 2 indicates a design update

⑥ Material	
PA	Polyamide
PA-HT	Polyamide high temperature
PBT	Polybutylenterephthalate
PE	Polyethylene
PE-I	PE impact resistant
PE-MD	PE metal detectable
PLX	Wear & impact improved polymer
POM	Polyoxymethylene (Polyacetal)
POM-CR	POM cut resistant
POM-HC	POM highly conductive
POM-MD	POM metal detectable
POM-PE	POM side modules + PE center modules
POM-PP	POM side modules + PP center modules
PP	Polypropylene
PP-MD	PP metal detectable
PP-SW	PP steam and hot water resistant
PXX-HC	Self-extinguishing highly conductive material
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
SS	Stainless steel
SSS	Stainless steel acid resistant
TPC1	Thermoplastic Copolyester
-HA	Supports the HACCP concept
HW	High Wear resistant material

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

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

⑨ Length/Width
Pins Length in mm (in)
Format: Lxxx
Module width in mm (in)
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.