

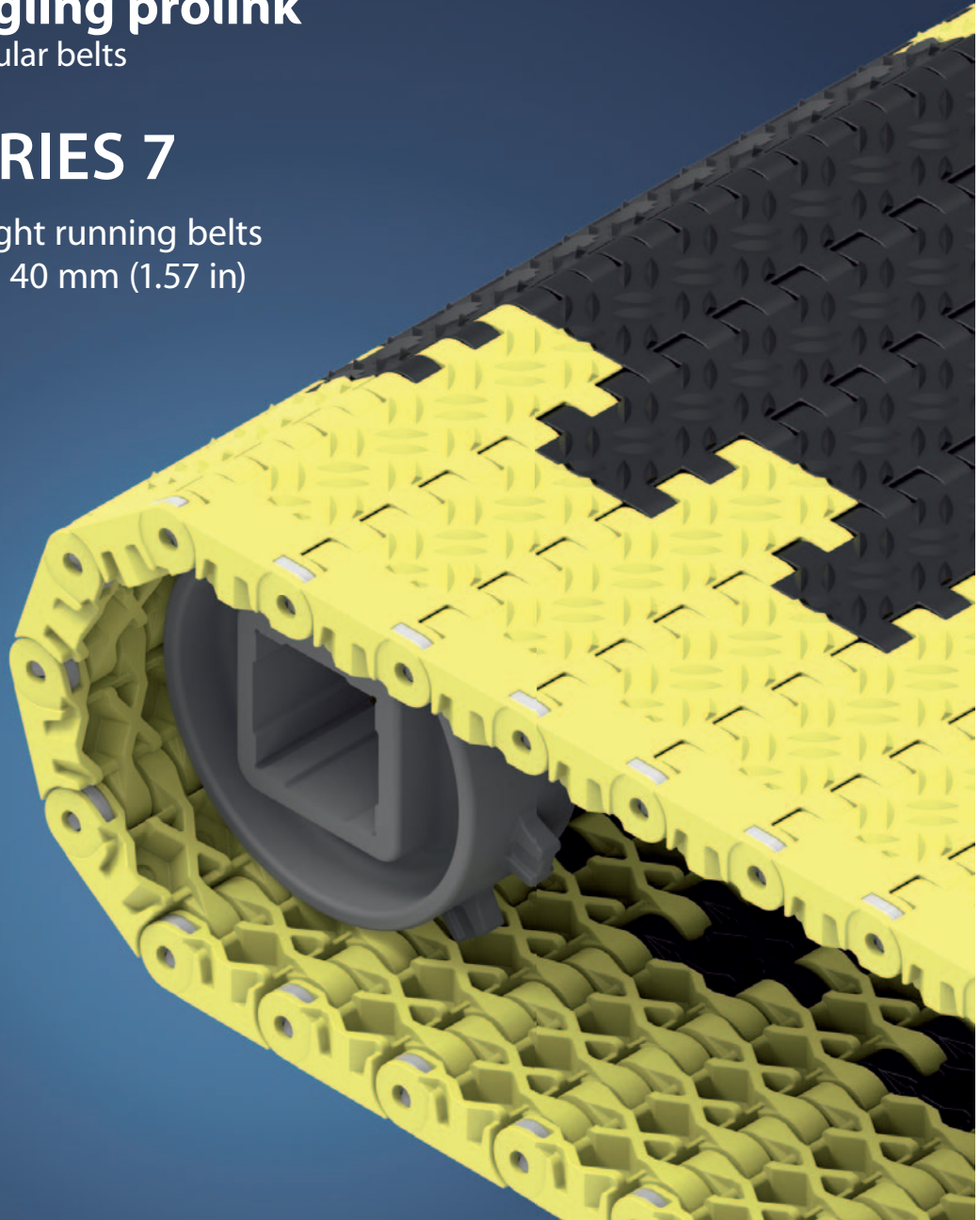
# EXCERPT FROM PROLINK ENGINEERING MANUAL

05/23 (Ref-No. 888)

**siegling prolink**  
modular belts

## SERIES 7

Straight running belts  
Pitch 40 mm (1.57 in)



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Ref. no. 888-2\_1.2\_S7

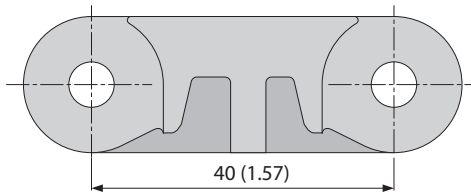
# SERIES 7 | OVERVIEW

siebling prolink  
modular belts

Straight running belts | Pitch 40 mm (1.57 in)

## Belts for heavy-duty non-food applications

### Side view scale 1:1



### Design characteristics

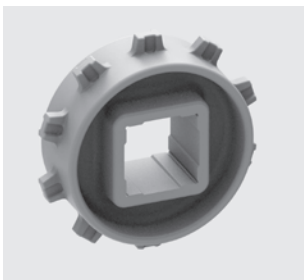
- Closed-hinge design provides high belt pull capacity
- Small-pitch relative to belt thickness makes belt suitable for compact, heavily loaded conveyors
- Robust design with large surface contact area ensures superior wear life
- Closed solid edge
- Flame retardant version available (PXX-HC – in line with DIN EN 13501-1)

### Basic data

Pitch	40 mm (1.57 in)
Belt width min.	80 mm (3.15 in) 360 mm (14.2 in) for belts with FRT-surface (side modules only available without FRT-surface)
Width increments	20 mm (0.8 in) FRT-surface on request
Hinge pins	6 mm (0.24 in) made of plastic (PBT) or stainless steel

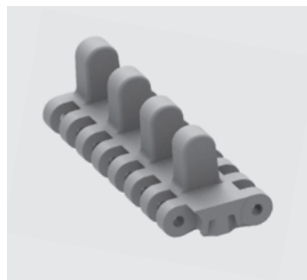
### Sprockets

in different sizes with round or square sprocket bore

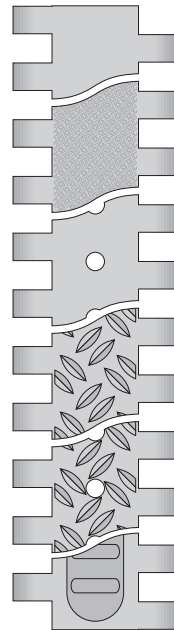


### Wheelstopper

used for securing the position of vehicles on the belt



### Available surface pattern and opening area



#### S7-0 FLT

Closed, smooth surface

#### S7-0 SRS

Closed, slip-resistant surface

#### S7-6 FLT

Open (6%), smooth surface

#### S7-0 NSK

Closed surface with non skid pattern

#### S7-6 NSK

Open (6%) surface with non skid pattern

#### S7-0 FRT1

Closed surface with friction top

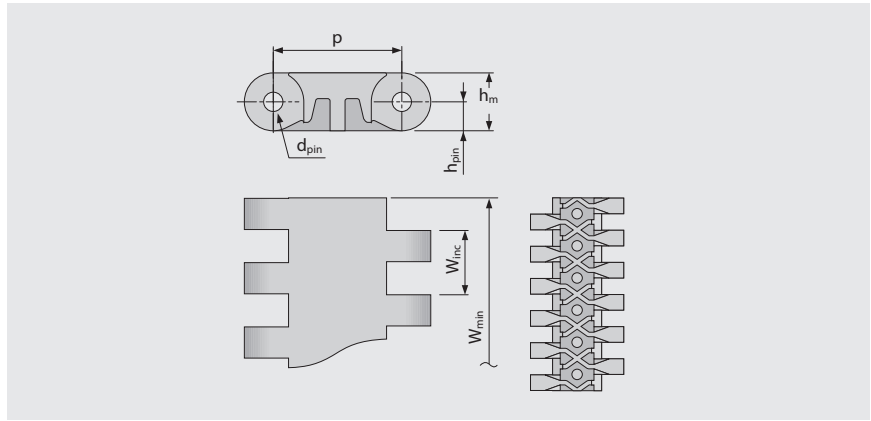
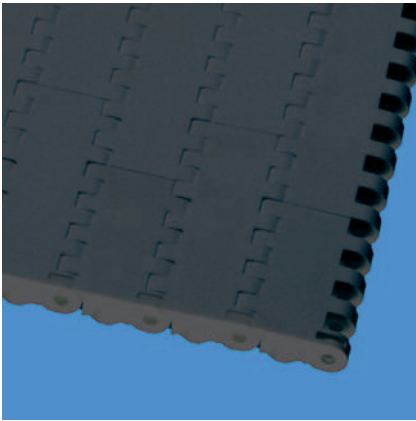
# SERIES 7 | BELT TYPES

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-0 FLT | 0% Opening | Flat top

Closed, smooth surface | Flat top surface



### 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	40.0	6.0	18.0	9.0	0.0	80.0	20.0	±0.2	–	40.0	80.0	120.0	40.0
inch	1.57	0.24	0.71	0.35	0.0	3.15	0.79	±0.2	–	1.57	3.15	4.72	1.57

### Available standard materials<sup>4)</sup>

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	Flame retardant <sup>2)</sup>
POM	AT	PBT	UC	50	3426	18.3	3.75	-0.75	-45/90	-49/194	
POM	AT	SS		60	4111	22.8	4.67	-0.75	-45/90	-49/194	
POM	YL	PBT	UC	50	3426	18.3	3.75	-0.75	-45/90	-49/194	
POM	YL	SS		60	4111	22.8	4.67	-0.75	-45/90	-49/194	
POM-HC	AT	PBT	UC	50	3426	18.8	3.85	-0.75	-45/90	-49/194	
POM-HC	AT	SS		60	4111	23.3	4.77	-0.75	-45/90	-49/194	

### Mold to order belts

PE		PE	UC	18	1233	12.3	2.52	-0.35	-70/65	-94/149	
PP		PP	WT	30	2056	11.6	2.38	0.0	5/100	41/212	
PP		SS		30	2056	16.5	3.38	0.0	5/100	41/212	
PXX-HC	BK	PBT	UC	30	2056	12.8	2.62	-0.13	5/100	41/212	●
PXX-HC	BK	SS		30	2056	17.7	3.63	-0.13	5/100	41/212	●

■ AT (Anthracite), ■ BK (Black), □ UC (Uncolored), □ WT (White), ■ YL (Yellow)

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 DIN EN 13501-1 Cfl-s1 (and DIN 4102 B1)

<sup>4)</sup> More materials and colors on request



MOVEMENT SYSTEMS

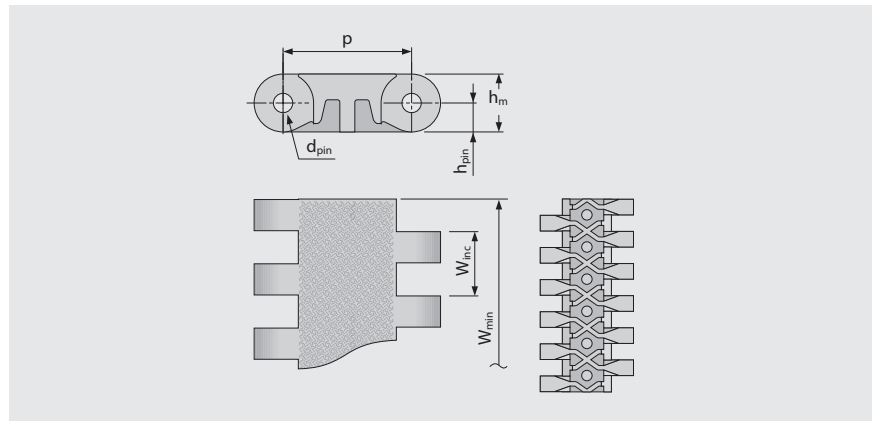
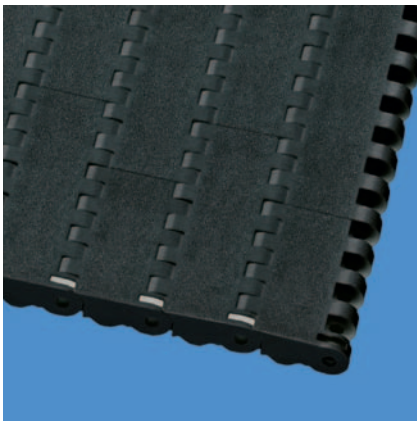
# SERIES 7 | BELT TYPES

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-0 SRS | 0% Opening | Slip-resistant

Closed surface | Slip-resistant surface, pleasant to walk and kneel on | Flat top surface



### 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	40.0	6.0	18.0	9.0	0.0	80.0	20.0	±0.2	–	40.0	80.0	120.0	40.0
inch	1.57	0.24	0.71	0.35	0.0	3.15	0.79	±0.2	–	1.57	3.15	4.72	1.57

### Available standard materials<sup>4)</sup>

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	Flame retardant <sup>2)</sup>
POM	AT	PBT	UC	50	3426	18.3	3.75	-0.75	-45/90	-49/194	
POM	AT	SS		60	4111	22.8	4.67	-0.75	-45/90	-49/194	
POM	YL	PBT	UC	50	3426	18.3	3.75	-0.75	-45/90	-49/194	
POM	YL	SS		60	4111	22.8	4.67	-0.75	-45/90	-49/194	
POM-HC	AT	PBT	UC	50	3426	18.8	3.85	-0.75	-45/90	-49/194	
POM-HC	AT	SS		60	4111	23.3	4.77	-0.75	-45/90	-49/194	
PXX-HC	BK	PBT	UC	30	2056	12.8	2.62	-0.13	5/100	41/212	●
PXX-HC	BK	SS		30	2056	17.7	3.63	-0.13	5/100	41/212	●

■ AT (Anthracite), ■ BK (Black), □ UC (Uncolored), ■ YL (Yellow)

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 DIN EN 13501-1 Cfl-s1 (and DIN 4102 B1)

<sup>4)</sup> More materials and colors on request



MOVEMENT SYSTEMS

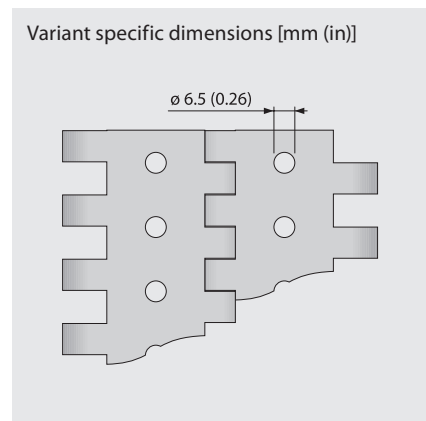
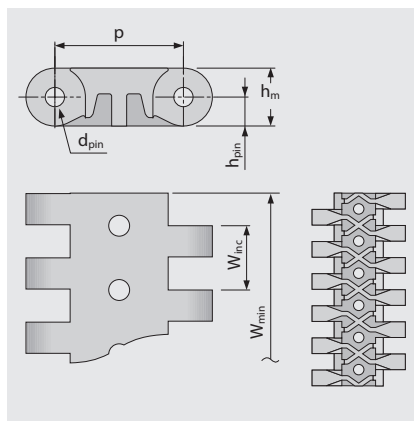
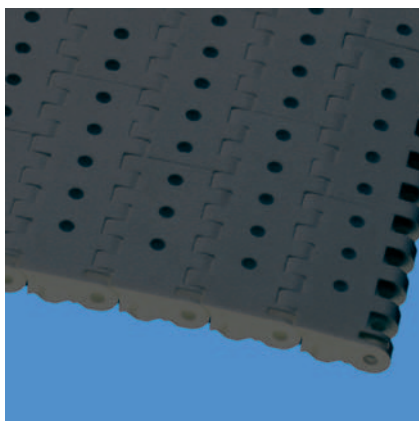
# SERIES 7 | BELT TYPES

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-6 FLT | 6% Opening | Flat top

Open area (6%) increases drainage capacity | Smooth surface



### 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	40.0	6.0	18.0	9.0	0.0	80.0	20.0	±0.2	–	40.0	80.0	120.0	40.0
inch	1.57	0.24	0.71	0.35	0.0	3.15	0.79	±0.2	–	1.57	3.15	4.72	1.57

### Available standard materials<sup>4)</sup>

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation [%]	Temperature		Certificates Flame retardant <sup>2)</sup>
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]		[°C]	[°F]	
POM	AT	PBT	UC	50	3426	16.8	3.44	-0.7	-45/90	-49/194	
POM	AT	SS		60	4111	21.3	4.36	-0.7	-45/90	-49/194	

### Mold to order belts

PE		PE	UC	18	1233	11.3	2.31	0.0	-70/65	-94/149	
PP		PP	WT	30	2056	10.7	2.19	0.0	5/100	41/212	
PP		SS		30	2056	15.6	3.2	0.0	5/100	41/212	
POM-HC	AT	PBT	UC	50	3426	17.3	3.54	-0.75	-45/90	-49/194	
POM-HC	AT	SS		60	4111	21.4	4.38	-0.75	-45/90	-49/194	
PXX-HC	BK	PBT	UC	30	2056	11.8	2.42	-0.13	5/100	41/212	●
PXX-HC	BK	SS		30	2056	16.3	3.34	-0.13	5/100	41/212	●

■ AT (Anthracite), ■ BK (Black), □ 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.

<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 DIN EN 13501-1 Cfl-s1 (and DIN 4102 B1)

<sup>4)</sup> More materials and colors on request



MOVEMENT SYSTEMS

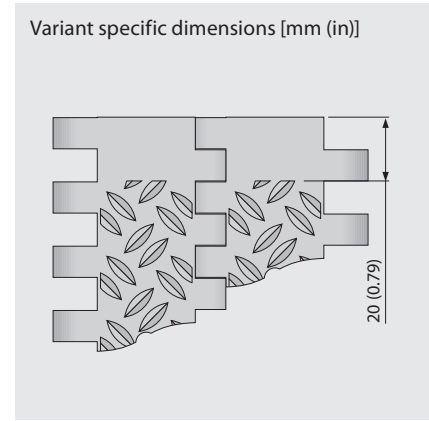
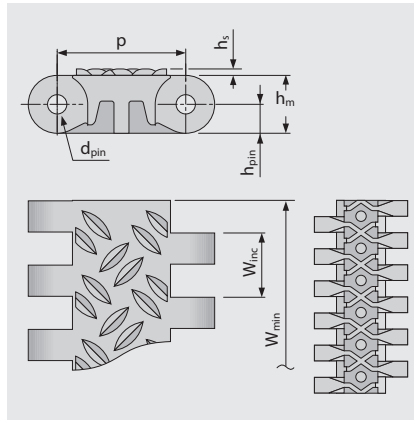
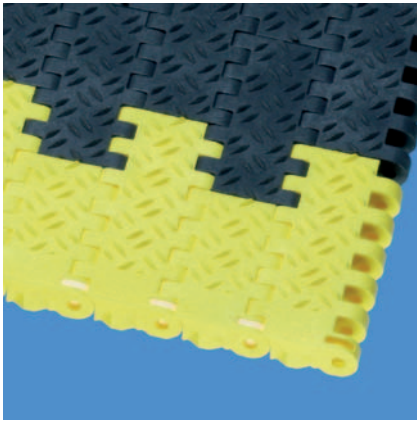
# SERIES 7 | BELT TYPES

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-0 NSK | 0% Opening | Non skid

Closed surface | Non skid surface for safety when walking on belt



### 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	40.0	6.0	18.0	9.0	2.0	80.0	20.0	±0.2	–	40.0	80.0	120.0	40.0
inch	1.57	0.24	0.71	0.35	0.08	3.15	0.79	±0.2	–	1.57	3.15	4.72	1.57

### Available standard materials<sup>4)</sup>

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation [%]	Temperature		Certificates Flame retardant <sup>2)</sup>
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]		[°C]	[°F]	
POM	AT	PBT	UC	50	3426	19.0	3.89	-0.75	-45/90	-49/194	
POM	AT	SS		60	4111	23.5	4.81	-0.75	-45/90	-49/194	
POM-HC	AT	PBT	UC	50	3426	19.5	3.99	-0.75	-45/90	-49/194	
POM-HC	AT	SS		60	4111	24.0	4.92	-0.75	-45/90	-49/194	
PXX-HC	BK	PBT	UC	30	2056	14.6	2.99	-0.13	5/100	41/212	●
PXX-HC	BK	SS		30	2056	20.0	4.1	-0.13	5/100	41/212	●

### Mold to order belts

PP		PP	WT	30	2056	13.3	2.72	-0.13	5/100	41/212	
PP		SS		30	2056	18.2	3.73	-0.13	5/100	41/212	

■ AT (Anthracite), ■ BK (Black), □ 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.

<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 DIN EN 13501-1 Cfl-s1 (and DIN 4102 B1)

<sup>4)</sup> More materials and colors on request



MOVEMENT SYSTEMS

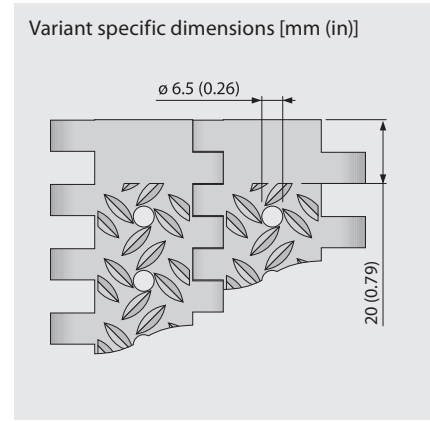
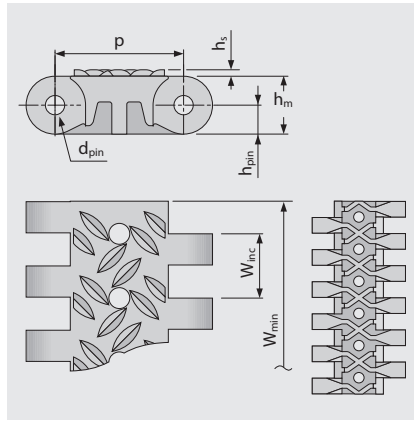
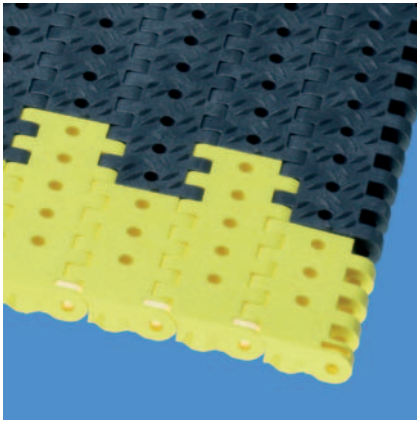
# SERIES 7 | BELT TYPES

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-6 NSK | 6% Opening | Non skid

Open area (6%) | Non skid surface with drainage holes for safety when walking on wet belts



### 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	40.0	6.0	18.0	9.0	2.0	80.0	20.0	±0.2	–	40.0	80.0	120.0	40.0
inch	1.57	0.24	0.71	0.35	0.08	3.15	0.79	±0.2	–	1.57	3.15	4.72	1.57

### Available standard materials<sup>4)</sup>

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation [%]	Temperature		Certificates Flame retardant <sup>2)</sup>
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]		[°C]	[°F]	
POM	AT	PBT	UC	50	3426	17.5	3.58	-0.7	-45/90	-49/194	
POM	AT	SS		60	4111	22.0	4.51	-0.7	-45/90	-49/194	

Mold to order belts											
PP		PP	WT	30	2056	11.2	2.29	-0.13	5/100	41/212	
PP		SS		30	2056	14.1	2.89	-0.13	5/100	41/212	
PXX-HC	BK	PBT	UC	30	2056	12.3	2.52	-0.13	5/100	41/212	●
PXX-HC	BK	SS		30	2056	17.2	3.52	-0.13	5/100	41/212	●

■ AT (Anthracite), ■ BK (Black), □ 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.

<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 DIN EN 13501-1 Cfl-s1 (and DIN 4102 B1)

<sup>4)</sup> More materials and colors on request



MOVEMENT SYSTEMS

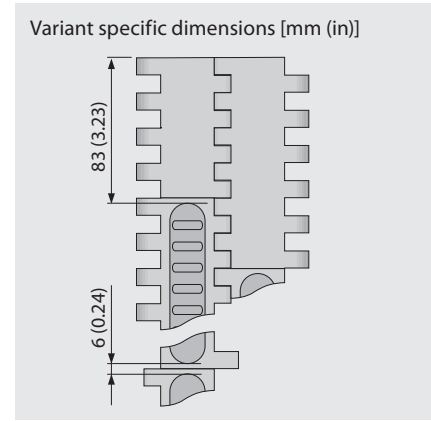
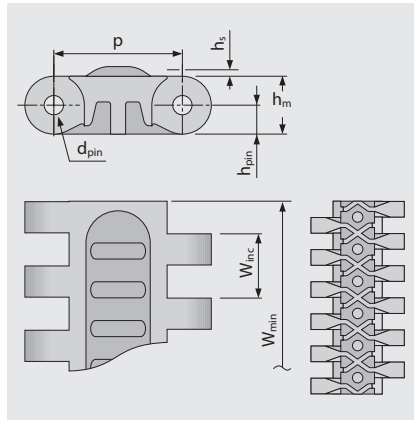
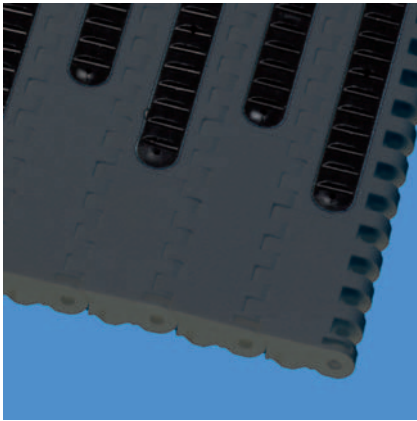
# SERIES 7 | BELT TYPES

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-0 FRT1 | 0% Opening | Friction top (Design 1)

Closed surface | Friction top version with replaceable rubber pads provides increased grip



### 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	40.0	6.0	18.0	9.0	3.0	360.0	200.0	±0.2	–	40.0	80.0	120.0	40.0
inch	1.57	0.24	0.71	0.35	0.12	14.17	7.87	±0.2	–	1.57	3.15	4.72	1.57

### Available standard materials<sup>4)</sup>

Belt		Pin		Rubber		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates
Material	Color	Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m <sup>2</sup> ]	[lb/ft <sup>2</sup> ]	[%]	[°C]	[°F]	Flame ret. <sup>2)</sup>
POM	AT	PBT	UC	R2	BK	50	3426	19.0	3.89	-0.75	-45/90	-49/194	
POM	AT	SS		R2	BK	60	4111	23.5	4.81	-0.75	-45/90	-49/194	

Mold to order belts													
PE		PE	UC	R2	BK	18	1233	13.0	2.66	-0.35	-70/65	-94/149	
PP		PP	WT	R2	BK	30	2056	12.4	2.54	0.0	5/100	41/212	
PP		SS		R2	BK	30	2056	17.3	3.54	0.0	5/100	41/212	

■ AT (Anthracite), ■ BK (Black), □ 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.

<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 DIN EN 13501-1 Cfl-s1 (and DIN 4102 B1)

<sup>4)</sup> More materials and colors on request



MOVEMENT SYSTEMS

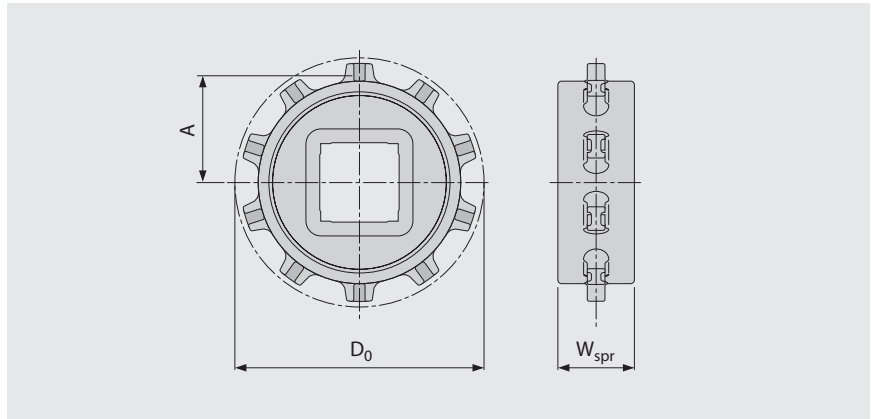
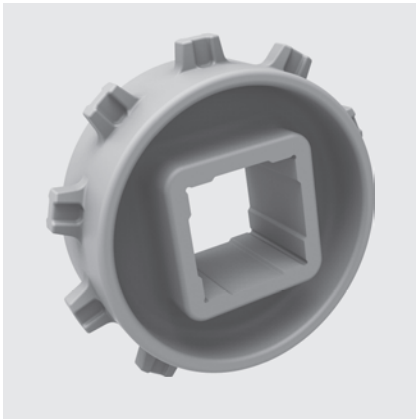


# SERIES 7 | SPROCKETS

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7 SPR | Sprockets



### Main dimensions

Sprocket size (Number of teeth)		Z10	Z16*	Z16 V2**	Z20*	Z20 V2**
W <sub>spr</sub>	mm	39.0	39.0	39.0	39.0	39.0
	inch	1.54	1.54	1.54	1.54	1.54
D <sub>0</sub>	mm	129.7	205.9	204.8	256.2	255.1
	inch	5.11	8.11	8.06	10.09	10.04
A <sub>max</sub>	mm	55.9	93.9	93.5	119.1	118.6
	inch	2.20	3.70	3.68	4.69	4.67
A <sub>min</sub>	mm	53.2	92.1	91.5	117.6	117.1
	inch	2.09	3.63	3.60	4.63	4.61

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

40	mm	■				
60	mm		■	■	■	■
80	mm		■	■	■	■
90	mm				■	■
1.5	inch	■				
2.5	inch		■	■	■	■
3.5	inch				■	■

Material: PA, Color: LG

\* not recommended for the material /pin combination POM/SS

\*\* new update V2 design to improve performance for the material/pin combination POM/SS

■ LG (Light gray)

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

All imperial dimensions (inches) are rounded off.

For detailed sprocket and shaft dimensions see appendix 6.3

Number of sprockets (sprocket spacing distance) see chapter 3.2



MOVEMENT SYSTEMS

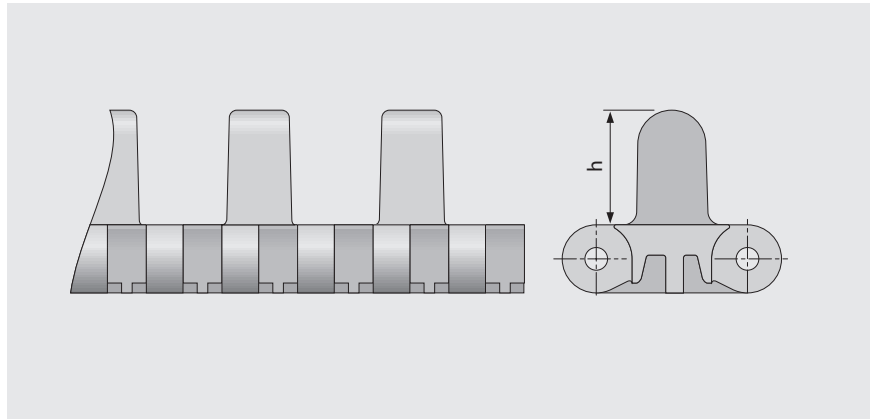
# SERIES 7 | WHEELSTOPPER

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-0 FLT WSC | Wheelstopper

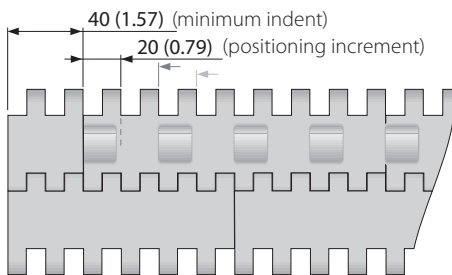
Stiff and strong profiles (interrupted for finger plates)



### Basic data

Material	Color	Height (h)
		30 mm 1.2 inch
POM	DB	●

Molded width: 160 mm (6.3 in)



Configuration S7-0 FLT WSC

■ DB (Dark blue)

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.



MOVEMENT SYSTEMS

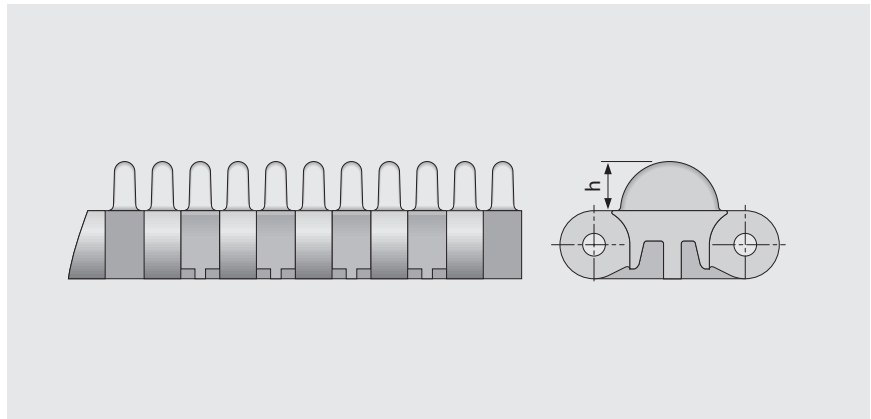
# SERIES 7 | WHEELSTOPPER

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7-0 NCL WSS I20 | Wheelstopper

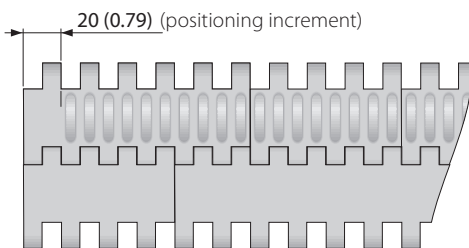
Small and stiff profiles (interrupted for finger plates)



### Basic data

Material	Color	Height (h)
		13 mm 0.5 inch
POM	YL	●

Molded width: 80 mm (3.2 in), 120 mm (4.7 in)



Configuration S7-0 NCL WSS I20

■ YL (Yellow)

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.



MOVEMENT SYSTEMS

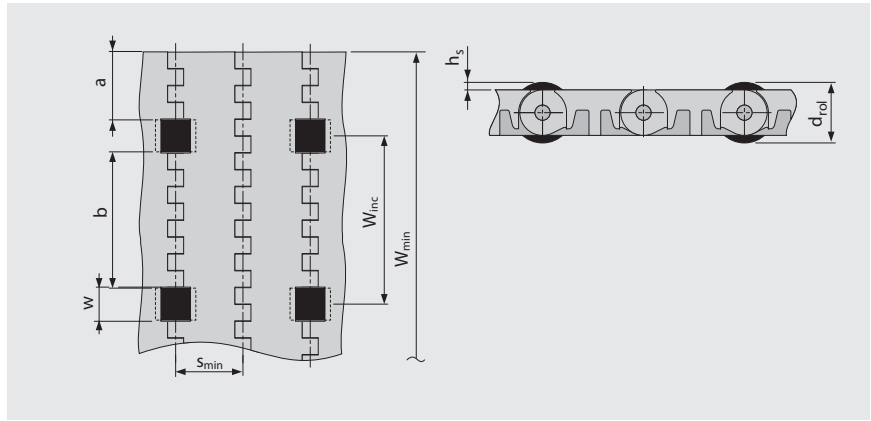
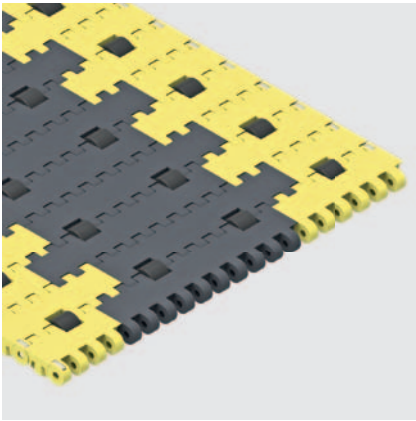
# SERIES 7 | PRR

siegling prolink  
modular belts

Straight running belt | Pitch 40 mm (1.57 in)

## S7 PRR | Pin Retained Rollers

For applications where low back pressure accumulation or product separation is required



- For low back pressure wearstrips are to be positioned between the rollers
- For product separation the wearstrips are to be positioned below the rollers
- For all materials and surfaces
- Rollers available in POM BK

### Dimensions

w	20 mm (0.79 in)	Roller cut out width (roller width 19 mm (0.75 in))
h <sub>s</sub>	3.5 mm (0.14 in)	Height of rollers above surface
d <sub>rol</sub>	25 mm (0.98 in)	Roller diameter
a	40 mm (1.6 in)	Minimum indent
b	80 mm (3.15 in)	Standard distance between rollers across belt width
s	n × s <sub>min</sub>	Roller spacing in travel direction (standard: n = 2)
s <sub>min</sub>	40 mm (1.6 in)	Min. roller spacing in travel direction
W <sub>inc</sub>	100 mm (3.9 in)	Width increment
W <sub>min</sub>	200 mm (7.9 in)	Min. belt width
W <sub>B</sub>		Belt width
n <sub>rol</sub>		Number of rollers across belt width

### Allowable belt pull

To determine admissible belt pull calculate effective belt width  $W_{B,ef}$  by

$$W_{B,ef} = W_B - (w \times n_{rol})$$

Example:  $W_B = 400 \text{ mm (15.75 in)}$ ;  $w = 20 \text{ mm (0.79 in)}$ ;  $n_{rol} = 4$

$$W_{B,ef} = 400 - (20 \times 4) = 320 \text{ mm}$$

$$W_{B,ef} = 15.75 - (0.79 \times 4) = 12.6 \text{ in}$$

Note: Sprocket must not be placed inline with rollers. Deviation in roller spacing possible, please get in contact to customer service. Coefficient of friction between belt and conveyed product in accumulation mode  $\mu_{acc} = 0.04$ , i.e. the accumulation pressure is approx. 4% of the weight of the backed up product.













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.



MOVEMENT SYSTEMS

# LEGEND

<b>① Series</b>		<b>④ Type</b>		<b>⑥ Material</b>		<b>⑦ Color*</b>	
S1 ... S18		<b>BPU</b>	Bucket profile	<b>PA</b>	Polyamide	<b>AT</b>	Anthracite 
<b>② Open area/Sprocket size</b>		<b>CAP</b>	Pin lock & belt edge sealing	<b>PA-HT</b>	Polyamide high temperature	<b>BG</b>	Beige 
Percentage open area Format: xx E.g. 20 = 20%		<b>CCW</b>	Counter clockwise	<b>PBT</b>	Polybutylentere-phthalate	<b>BK</b>	Black 
For sprockets: number of teeth Format: "Z"xx E.g. Z12 = 12 teeth		<b>CLP</b>	Clip	<b>PE</b>	Polyethylene	<b>BL</b>	Blue 
<b>③ Surface pattern</b>		<b>CM</b>	Center module	<b>PE-I</b>	PE impact resistant	<b>DB</b>	Dark blue 
<b>BSL</b>	Base module for slider	<b>CW</b>	Clockwise	<b>PE-MD</b>	PE metal detectable	<b>GN</b>	Green 
<b>CTP</b>	Cone top	<b>FPL</b>	Finger plate	<b>PLX</b>	Wear & impact improved polymer	<b>LB</b>	Light blue 
<b>CUT</b>	Curved top	<b>HDT</b>	Hold Down Tab	<b>POM</b>	Polyoxymethylene (Polyacetal)	<b>LG</b>	Light gray 
<b>FLT</b>	Flat top (smooth)	<b>IDL</b>	Idler	<b>POM-CR</b>	POM cut resistant	<b>OR</b>	Orange 
<b>FRT-OG</b>	Friction top without High Grip insert	<b>PIN</b>	Coupling rod	<b>POM-HC</b>	POM highly conductive	<b>RE</b>	Red 
<b>FRT(X)</b>	Friction top (Design X)	<b>PMC</b>	Profile module center	<b>POM-MD</b>	POM metal detectable	<b>TQ</b>	Turquoise 
<b>GRT</b>	Grid top	<b>PMU</b>	Profile module universal	<b>POM-PE</b>	POM side modules + PE center modules	<b>UC</b>	Uncolored 
<b>HDK</b>	High Deck	<b>PSP</b>	ProSnap	<b>POM-PP</b>	POM side modules + PP center modules	<b>WT</b>	White 
<b>LRB</b>	Lateral rib	<b>RI</b>	High Grip insert	<b>PP</b>	Polypropylene	<b>YL</b>	Yellow 
<b>MOD</b>	Modified module shape	<b>RTR</b>	Retaining ring	<b>PP-MD</b>	PP metal detectable	<b>⑧ Height/Diameter/ Bore size and style</b>	
<b>NCL</b>	No cling	<b>SG</b>	Module with sideguard	<b>PP-SW</b>	PP steam and hot water resistant	Height in mm (in) Format: Hxxx	
<b>NPY</b>	Negative pyramid	<b>SLI</b>	Slider	<b>PXX-HC</b>	Self-extinguishing highly conductive material	Pin diameter in mm (in) Format: Dxxx	
<b>NSK</b>	Non skid	<b>SML</b>	Side module, left	<b>R1</b>	TPE 80 Shore A, PP	Bore size: SQ (= square) or RD (= round) either in mm or inches Format: SQxxMM or RDxxIN	
<b>NSK2</b>	Non skid, nonwoven variant	<b>SMR</b>	Side module, right	<b>R2</b>	EPDM 80 Shore A, vulcanized	<b>⑨ Length/Width</b>	
<b>NTP</b>	Nub top (round studs)	<b>SMU</b>	Side module, universal/both sides	<b>R3</b>	TPE 70 Shore A, POM	Pins Length in mm (in) Format: Lxxx	
<b>PRR</b>	Pin Retained Rollers	<b>SPR</b>	Sprocket	<b>R4</b>	TPE 86 Shore A, PP	Module width in mm (in) Format: Wxxx	
<b>RAT</b>	Radius top	<b>TPL</b>	Turning panel, left	<b>R5</b>	TPE 52 Shore A, PP		
<b>RRB</b>	Raised rib	<b>TPR</b>	Turning panel, right	<b>R6</b>	TPE 63 Shore A, POM		
<b>RSA</b>	Reduced surface area	<b>UM</b>	Universal module	<b>R7</b>	TPE 50 Shore A, PP		
<b>RTP</b>	Roller top	<b>WSC</b>	Wheel Stopper Center	<b>R8</b>	TPE 55 Shore A, PE		
<b>SRS</b>	Slip-resistant surface	<b>WSS</b>	Wheel Stopper Side	<b>SER</b>	Self-extinguishing TPE		
<b>⑤ Style</b>				<b>SS</b>	Stainless steel		
<b>1.7</b>	1.7 collapse factor			<b>TPC1</b>	Thermoplastic Copolyester		
<b>2.2</b>	2.2 collapse factor			<b>-HA</b>	Supports the HACCP concept		
<b>2.2 G</b>	2.2 collapse factor, guided			<b>-HW</b>	High Wear resistant material		
<b>A90</b>	Angle 90° to conveying direction						
<b>BT</b>	Bearing tab						
<b>DR</b>	Double row sprocket						
<b>F1, F2, F3 ...</b>	Collapse factor modules						
<b>G</b>	Guided						
<b>GT</b>	Guiding tabs						
<b>HD</b>	Hold Down						
<b>Ixx</b>	xx = indent in mm						
<b>RG</b>	Reversed guided						
<b>SG</b>	Side guard						
<b>SP</b>	Split sprocket						
<b>ST</b>	Strong						

\* 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.