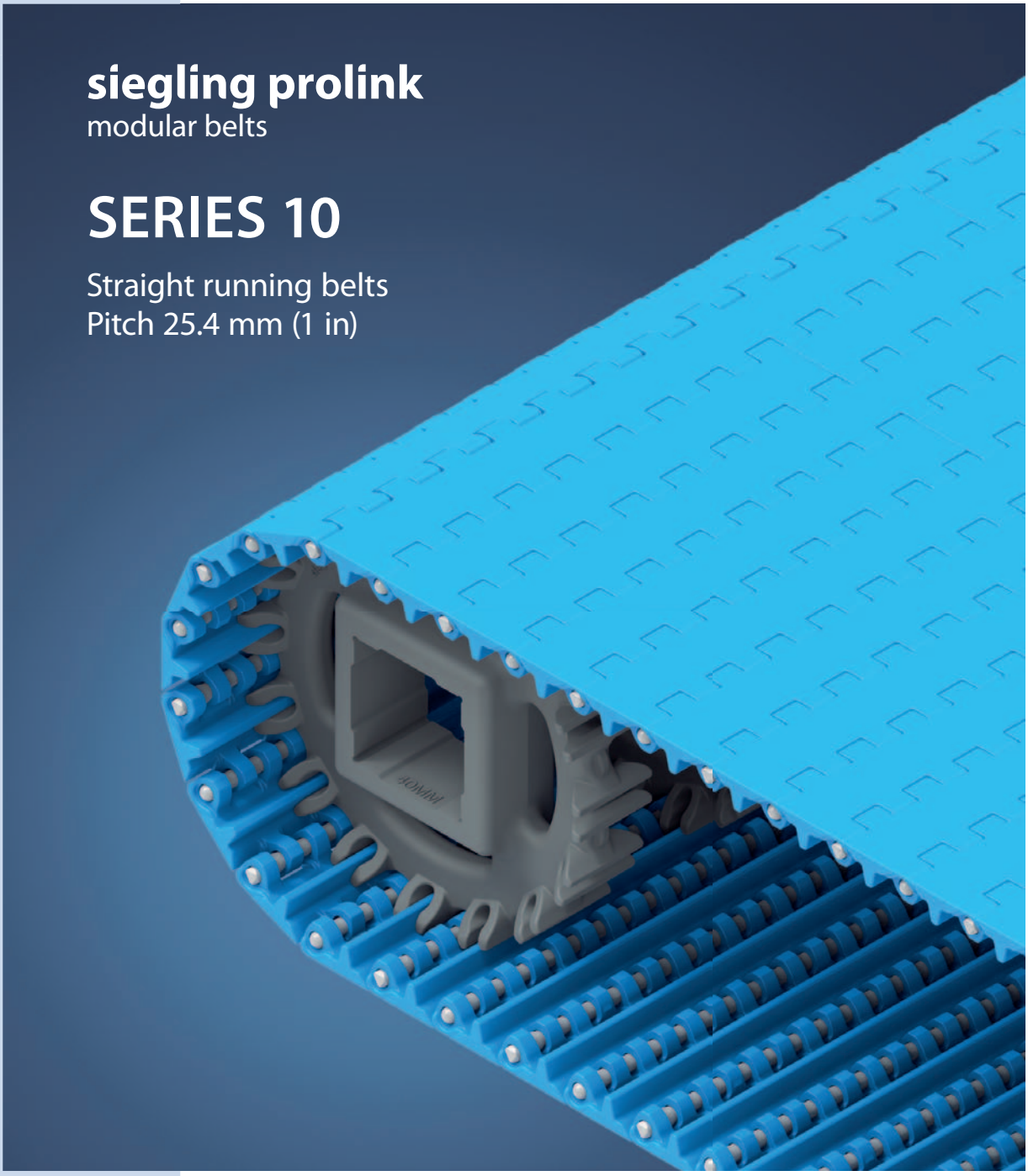
EXCERPT FROM PROLINK ENGINEERING MANUAL

11/22 (Ref-No. 888)

siegling prolink
modular belts

SERIES 10

Straight running belts
Pitch 25.4 mm (1 in)



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Ref. no. 888-2_1.2_S10

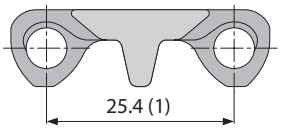
SERIES 10 | **OVERVIEW**

Straight running belts | Pitch 25.4 mm (1 in)

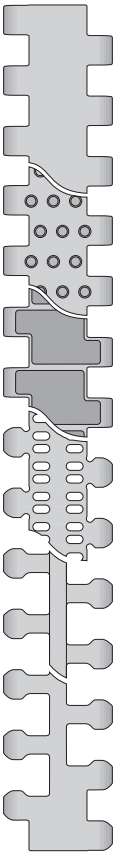
siegling prolink
modular belts

Belts for light to medium-duty hygiene-critical applications

Side view scale 1:1



Available surface pattern and opening area



S10-0 FLT
Closed, smooth surface

S10-0 NTP
Closed surface with round studs

S10-0 FRT1
Closed surface with friction top

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

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

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

Design characteristics

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

Basic data

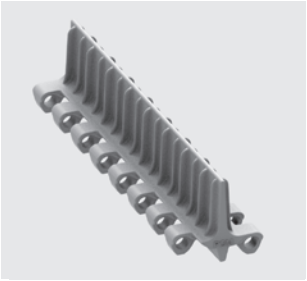
Pitch	25.4 mm (1 in)
Belt width min.	38.1 mm (1.5 in)
Width increments	19.05 mm (0.75 in)
Hinge pins	5 mm (0.2 in) made of plastic (PBT, PP, PE, PP-MD, POM-MD). One-piece up to a belt width of 1200 mm (47 in).

NSF Certified

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

Sprockets
in different sizes with round or square sprocket bore

Profiles
in different heights and designs for inclines



Side guards
in different heights for retention of bulk products

Hold Down Tabs
Hold Down Tabs for additional guiding

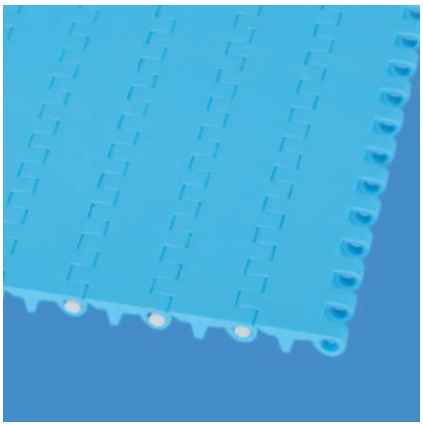
SERIES 10 | **BELT TYPES**

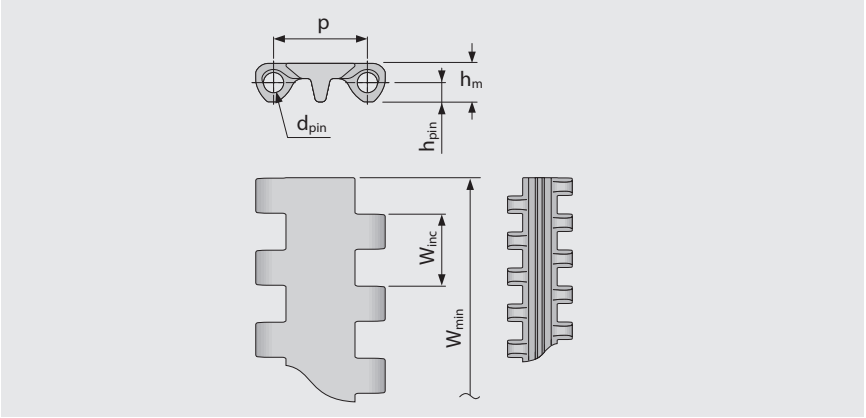
siegling prolink
modular belts

Straight running belt | Pitch 25.4 mm (1 in)

S10-0 FLT | 0 % Opening | Flat top

Closed, smooth surface | Flat top surface





Belt dimensions

	p	d_{pin}	h_m	h_{pin}	h_s	W_{min}	W_{inc}	W_{tol}	Minimum flex radii[1]				
	Pitch	Pin Ø	Thickness [mm]	Pin position [mm]	Height [mm]	Width min. [mm]	Width Increment [mm]	Width tolerance [%]	r1 C_c x W_B	r2	r3	r4	r5
mm	25.4	5.0	10.2	5.1	0.0	38.1	19.1	±0.2	–	25.4	50.8	76.2	25.4
inch	1.0	0.2	0.4	0.2	0.0	1.5	0.75	±0.2	–	1.0	2.0	3.0	1.0

Available standard materials[4]

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates	
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA[2]	EU[3]
PE	WT/LB	PE	WT	6	411	5.4	1.11	0.0	-70/65	-94/149	●	●
PE-MD	BL	POM-MD	BL	6	411	5.9	1.21	0.0	-70/65	-94/149	●	●
PP	WT/LB	PP	WT	8	548	5.1	1.04	0.26	5/100	41/212	●	●
PP-MD	BL	PP-MD	BL	8	548	5.3	1.09	0.26	5/100	41/212	●	●
POM	WT/LB	PBT	UC	20	1370	8.0	1.64	0.0	-45/90	-49/194	●	●
POM-MD	BL	POM-MD	BL	20	1370	8.3	1.7	0.0	-45/90	-49/194	●	●
Mold to order belts												
TPC1	LB	PBT	UC	6	411	7.1	1.45	-0.13	-25/80	-13/176	●	●
PA*	BL	PBT	UC	17	1165	6.7	1.37	0.74	-40/120	-40/248	●	●

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

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

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

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

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

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MOVEMENT SYSTEMS

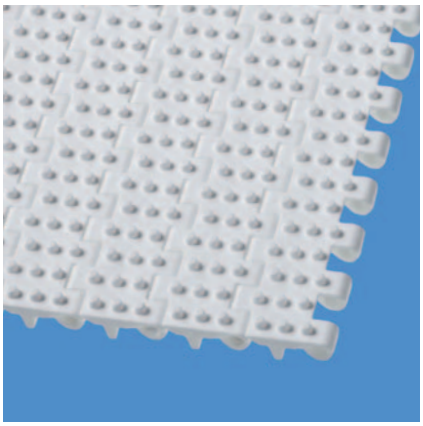
SERIES 10 | **BELT TYPES**

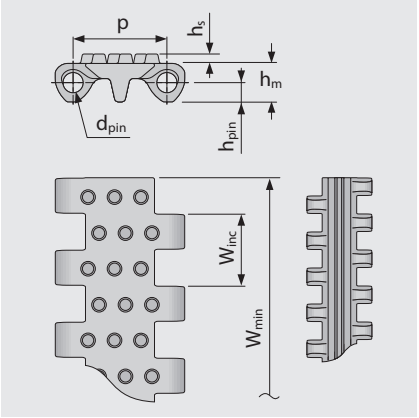
siegling prolink
modular belts

Straight running belt | Pitch 25.4 mm (1 in)

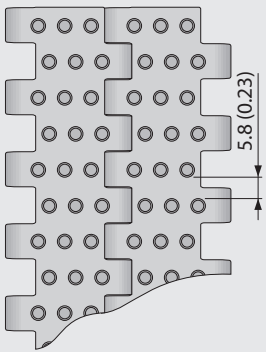
S10-0 NTP | 0 % Opening | Nub top (round studs)

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





Variant specific dimensions [mm (in)]

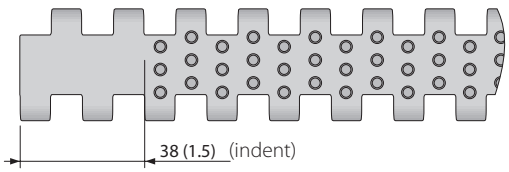


Belt dimensions

	p	d_{pin}	h_m	h_{pin}	h_s	W_{min}	W_{inc}	W_{tol}	Minimum flex radii[1]				
	Pitch	Pin Ø	Thickness [mm]	Pin position [mm]	Height [mm]	Width min. [mm]	Width Increment [mm]	Width tolerance [%]	r1 C_c x W_B	r2	r3	r4	r5
mm	25.4	5.0	10.2	5.1	2.5	38.1	19.1	±0.2	–	25.4	50.8	76.2	25.4
inch	1.0	0.2	0.4	0.2	0.1	1.5	0.75	±0.2	–	1.0	2.0	3.0	1.0

Available standard materials[4]

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates	
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA[2]	EU[3]
PE	WT	PE	WT	6	411	5.5	1.13	0.0	-70/65	-94/149	●	●
PE	LB	PE	WT	6	411	5.5	1.13	0.0	-70/65	-94/149	●	●
POM	WT	PBT	UC	20	1370	8.2	1.68	0.0	-45/90	-49/194	●	●
POM	LB	PBT	UC	20	1370	8.2	1.68	0.0	-45/90	-49/194	●	●
PP-MD	BL	PP-MD	BL	8	548	5.4	1.11	0.26	5/100	41/212	●	●
PE-MD	BL	POM-MD	BL	6	411	6.5	1.33	0.0	-70/65	-94/149	●	●



Also available with molded indent 38 mm (1.5 in)

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

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

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

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

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MOVEMENT SYSTEMS

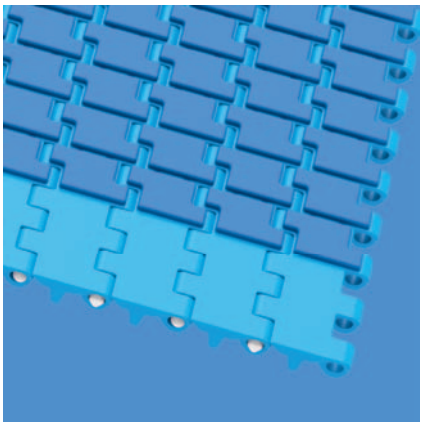
SERIES 10 | **BELT TYPES**

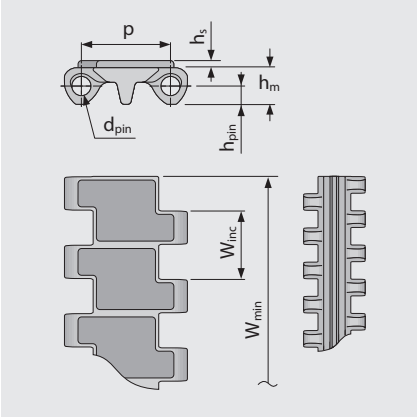
siegling prolink
modular belts

Straight running belt | Pitch 25.4 mm (1 in)

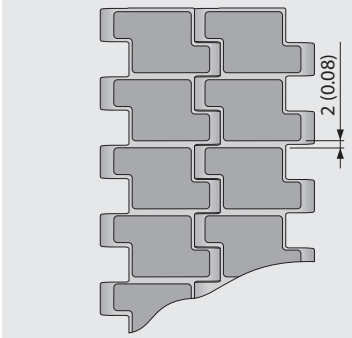
S10-0 FRT1 | 0 % Opening | Friction top (Design 1)

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





Variant specific dimensions [mm (in)]



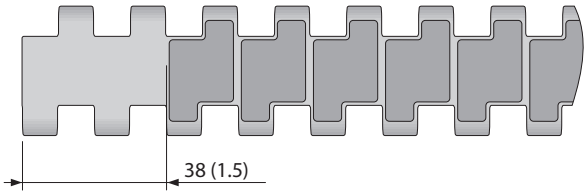
Belt dimensions

	p	d_{pin}	h_m	h_{pin}	h_s	W_{min}	W_{inc}	W_{tol}	Minimum flex radii[1]				
	Pitch	Pin Ø	Thickness [mm]	Pin position [mm]	Height [mm]	Width min. [mm]	Width Increment [mm]	Width tolerance [%]	r1 C_c x W_B	r2	r3	r4	r5
mm	25.4	5.0	10.2	5.1	2.0	38.1	19.1	±0.2	–	25.4	50.8	76.2	25.4
inch	1.0	0.2	0.4	0.2	0.08	1.5	0.75	±0.2	–	1.0	2.0	3.0	1.0

Available standard materials[4]

Belt		Pin		Rubber		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates	
Material	Color	Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA[2]	EU[3]
PP	WT	PP	WT	R7	BG	8	548	6.3	1.29	0.26	5/100	41/212	●	●
PP	LB	PP	WT	R7	BK	8	548	6.3	1.29	0.26	5/100	41/212	●	●
PP	LB	PP	WT	R7	BL	8	548	6.3	1.29	0.26	5/100	41/212	●	●

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



Also available with molded indent 38 mm (1.5 in)

BG (Beige), BL (Blue), BK (Black), LB (Light blue), WT (White)

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

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

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MOVEMENT SYSTEMS

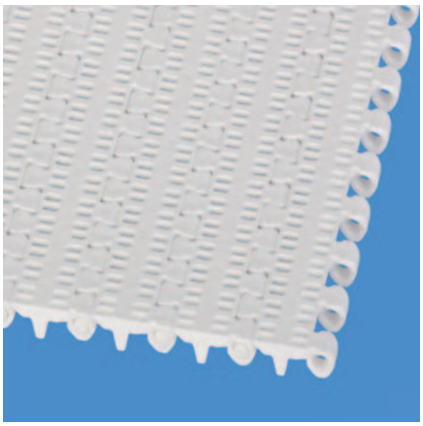
SERIES 10 | **BELT TYPES**

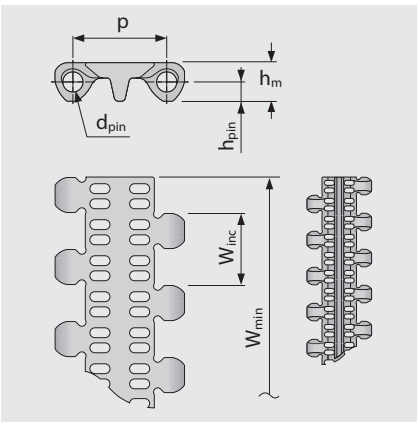
siegling prolink
modular belts

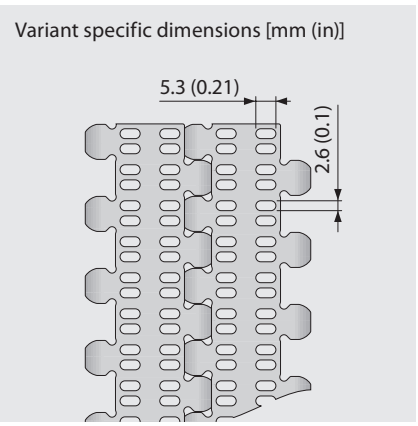
Straight running belt | Pitch 25.4 mm (1 in)

S10-22 FLT | 22 % Opening | Flat top

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







Belt dimensions

	p	d_{pin}	h_m	h_{pin}	h_s	W_{min}	W_{inc}	W_{tol}	Minimum flex radii[1]				
	Pitch	Pin Ø	Thickness [mm]	Pin position [mm]	Height [mm]	Width min. [mm]	Width Increment [mm]	Width tolerance [%]	r1 C_c x W_B	r2	r3	r4	r5
mm	25.4	5.0	10.2	5.1	0.0	38.1	19.1	±0.2	–	25.4	50.8	76.2	25.4
inch	1.0	0.2	0.4	0.2	0.0	1.5	0.75	±0.2	–	1.0	2.0	3.0	1.0

Available standard materials[4]

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates	
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA[2]	EU[3]
PE	WT	PE	WT	3	206	4.7	0.96	0.0	-70/65	-94/149	●	●
PE	LB	PE	WT	3	206	4.7	0.96	0.0	-70/65	-94/149	●	●
PP	WT	PP	WT	5	343	4.3	0.88	0.26	5/100	41/212	●	●
PP	LB	PP	WT	5	343	4.3	0.88	0.26	5/100	41/212	●	●
POM	WT	PBT	UC	11	754	6.7	1.37	0.0	-45/90	-49/194	●	●
POM	LB	PBT	UC	11	754	6.7	1.37	0.0	-45/90	-49/194	●	●
PP-MD	BL	PP-MD	BL	5	343	4.9	1.0	0.0	5/100	41/212	●	●
Mold to order belts												
PE-MD	BL	POM-MD	BL	3	206	5.1	1.04	0.0	-70/65	-94/149	●	●

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

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

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

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

Forbo
MOVEMENT SYSTEMS

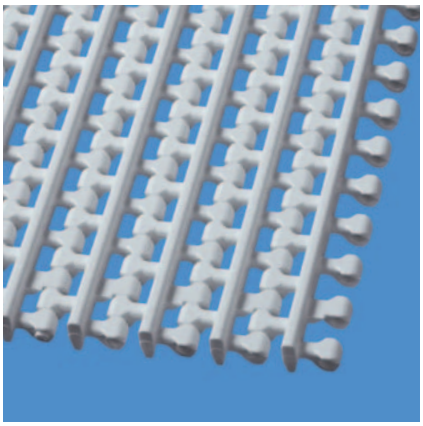
SERIES 10 | **BELT TYPES**

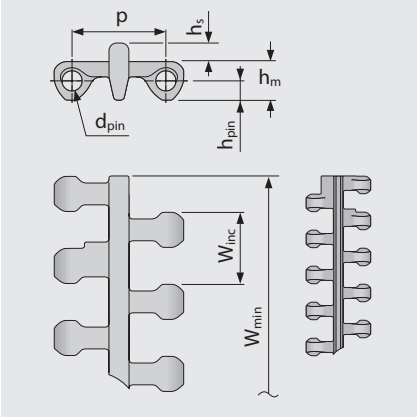
siegling prolink
modular belts

Straight running belt | Pitch 25.4 mm (1 in)

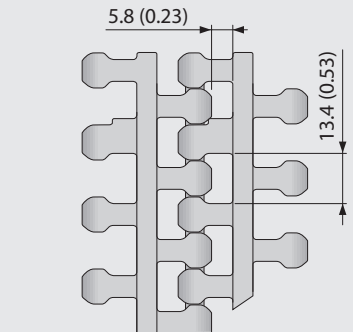
S10-36 LRB | 36 % Opening | Lateral rib

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





Variant specific dimensions [mm (in)]



Belt dimensions

	p	d_{pin}	h_m	h_{pin}	h_s	W_{min}	W_{inc}	W_{tol}	Minimum flex radii[1]				
	Pitch	Pin Ø	Thickness [mm]	Pin position [mm]	Height [mm]	Width min. [mm]	Width Increment [mm]	Width tolerance [%]	r1 C_c x W_B	r2	r3	r4	r5
mm	25.4	5.0	10.2	5.1	4.9	38.1	19.1	±0.2	–	25.4	50.8	76.2	25.4
inch	1.0	0.2	0.4	0.2	0.19	1.5	0.75	±0.2	–	1.0	2.0	3.0	1.0

Available standard materials[4]

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates	
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA[2]	EU[3]
PE	WT	PE	WT	4	274	5.8	1.19	0.0	-70/65	-94/149	●	●
PE	LB	PE	WT	4	274	5.8	1.19	0.0	-70/65	-94/149	●	●
PP	WT	PP	WT	6	411	4.9	1.0	0.26	5/100	41/212	●	●
PP	LB	PP	WT	6	411	4.9	1.0	0.26	5/100	41/212	●	●
POM	WT	PBT	UC	13	891	7.6	1.56	0.0	-45/90	-49/194	●	●
POM	LB	PBT	UC	13	891	7.6	1.56	0.0	-45/90	-49/194	●	●

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

LB (Light blue), UC (Uncolored), WT (White)

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

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

Forbo
MOVEMENT SYSTEMS

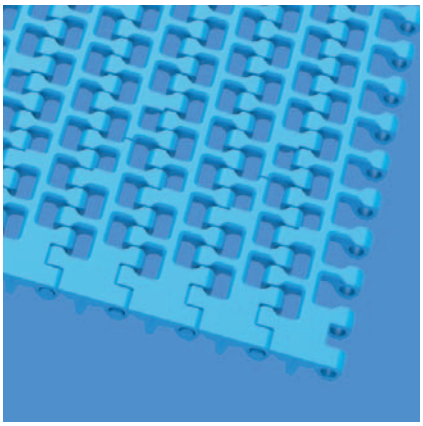
SERIES 10 | **BELT TYPES**

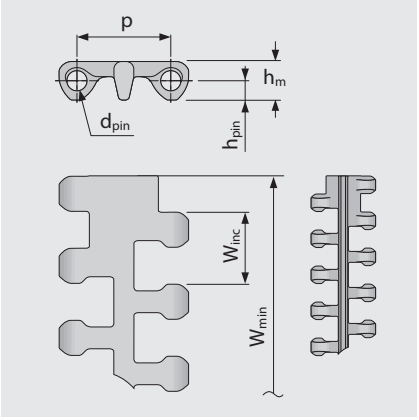
siegling prolink
modular belts

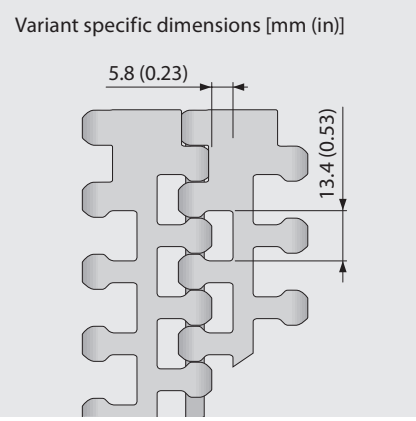
Straight running belt | Pitch 25.4 mm (1 in)

S10-36 FLT | 36 % Opening | Flat top

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







Belt dimensions

	p	d_{pin}	h_m	h_{pin}	h_s	W_{min}	W_{inc}	W_{tol}	Minimum flex radii[1]				
	Pitch	Pin Ø	Thickness [mm]	Pin position [mm]	Height [mm]	Width min. [mm]	Width Increment [mm]	Width tolerance [%]	r1 C_c x W_B	r2	r3	r4	r5
mm	25.4	5.0	10.2	5.1	0.0	95.3	19.1	±0.2	–	25.4	50.8	76.2	25.4
inch	1.0	0.2	0.4	0.2	0.0	3.75	0.75	±0.2	–	1.0	2.0	3.0	1.0

Available standard materials[4]

Belt		Pin		Nominal belt pull, straight		Weight		Width deviation	Temperature		Certificates	
Material	Color	Material	Color	[N/mm]	[lb/ft]	[kg/m²]	[lb/ft²]	[%]	[°C]	[°F]	FDA[2]	EU[3]
PE	WT/LB	PE	WT	4	274	4.3	0.88	0.0	-70/65	-94/149	●	●
PP	WT/LB	PP	WT	6	411	4.0	0.82	0.26	5/100	41/212	●	●
PP-MD	BL	PP-MD	BL	6	411	4.4	0.9	0.26	5/100	41/212	●	●
POM	WT/LB	PBT	UC	13	891	6.2	1.27	0.0	-45/90	-49/194	●	●
PA*	BL	PBT	UC	13	891	6.0	1.23	0.74	-40/120	-40/248	●	●
Mold to order belts												
POM-MD	BL	POM-MD	BL	13	891	6.6	1.35	0.0	-45/90	-49/194	●	●

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

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

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

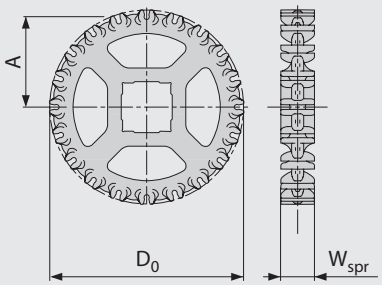
All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 "Temperature influence".
All imperial dimensions (inches) are rounded off.

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

Forbo
MOVEMENT SYSTEMS

S10 SPR | Sprockets

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



Main dimensions

Sprocket size (Number of teeth)		Z6	Z8	Z10	Z12	Z15	Z16	Z18	Z20
W_{spr}	mm	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
	inch	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
D_0	mm	51.4	66.8	82.4	98.2	122.4	130.4	146.4	162.5
	inch	2.02	2.63	3.24	3.87	4.82	5.13	5.76	6.40
A_{max}	mm	19.8	27.9	35.9	43.9	56.0	60.0	68.1	76.1
	inch	0.78	1.10	1.41	1.73	2.20	2.36	2.68	3.00
A_{min}	mm	17.2	25.8	34.1	42.4	54.8	58.9	67.0	75.2
	inch	0.68	1.02	1.34	1.67	2.16	2.32	2.64	2.96

Shaft bores (● = Round, ■ = Square)

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

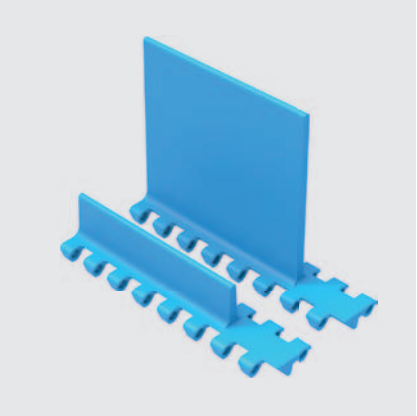
Material: PA, Color: LG

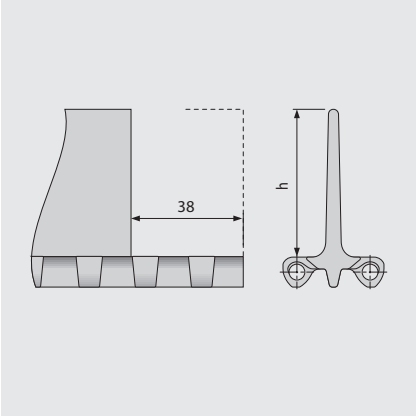
LG (Light gray)

All measurements and tolerances apply at 21 °C; for temperature deviations please see Prolink manual chapter 4.4 “Temperature influence“.
All imperial dimensions (inches) are rounded off.
For detailed sprocket and shaft dimensions see appendix 6.3
Number of sprockets (sprocket spacing distance) see chapter 3.2

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

Flat top surface for dry products



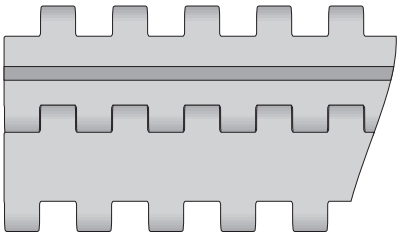


Basic data

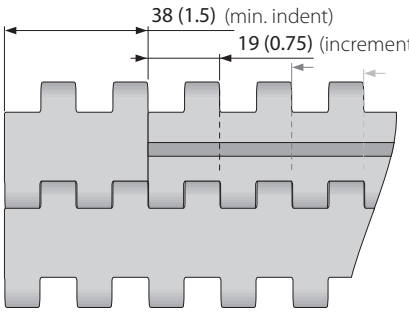
Material	Color	Height (h)	
		25 mm 1 inch	100 mm 4 inch
PE	LB	●/▲	●/▲
PE	WT	●/▲	●/▲
POM	LB	●/▲	●/▲
POM	WT	●/▲	●/▲
PP	LB	●/▲	●/▲
PP	WT	●/▲	●/▲

● = no indent, ▲ = with indent 38 mm

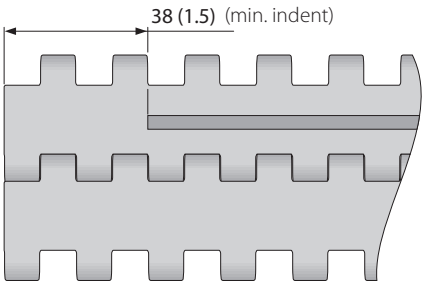
Molded width: 152 mm (6.0 in)



Standard configuration S10-0 FLT PMU



Indent configuration S10-0 FLT PMU



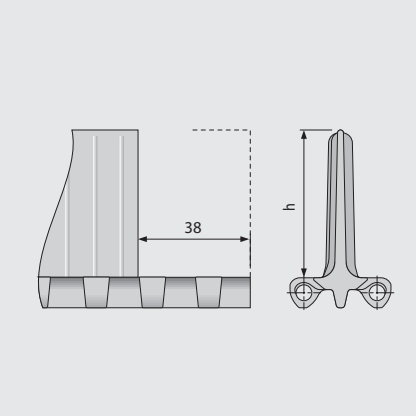
Standard configuration S10-0 FLT PMU I38

LB (Light blue), WT (White)

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

S10-0 NCL PMU/S10-0 NCL PMU I38

No cling surface to improve release of wet and sticky products

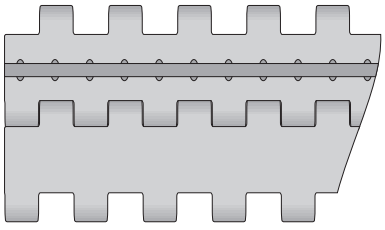


Basic data

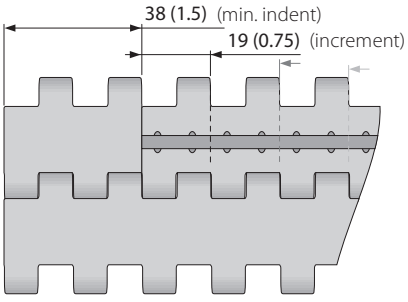
Material	Color	Height (h)	
		25 mm 1 inch	100 mm 4 inch
PE	LB	●/▲	●/▲
PE	WT	●/▲	●/▲
PE-MD	BL	●/▲	●
POM	LB	●/▲	●/▲
POM	WT	●/▲	●/▲
POM-MD	BL	●/▲	●/▲
PP	LB	●/▲	●/▲
PP	WT	●/▲	●/▲

● = no indent, ▲ = with indent 38 mm

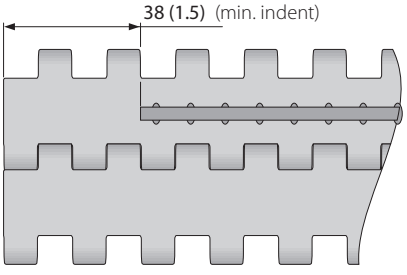
Molded width: 152 mm (6.0 in)



Standard configuration S10-0 NCL PMU



Indent configuration S10-0 NCL PMU



Standard configuration S10-0 NCL PMU I38

BL (Blue), LB (Light blue), WT (White)

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

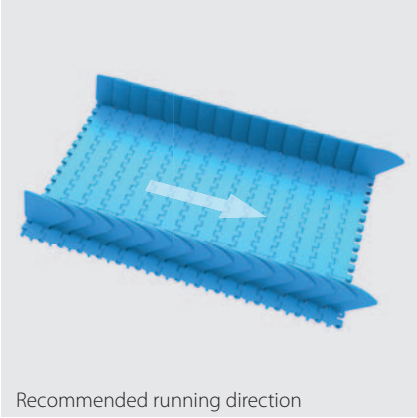
SERIES 10 | **SIDE GUARDS**

siegling prolink
modular belts

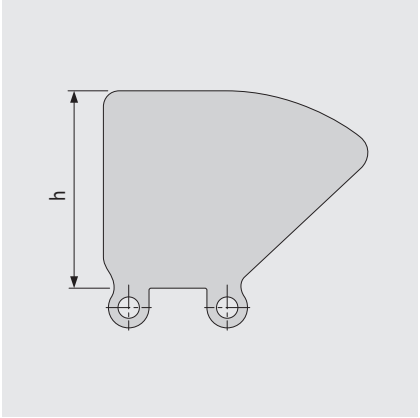
Straight running belt | Pitch 25.4 mm (1 in)

S10 SG | Side guards

For retention of bulk products

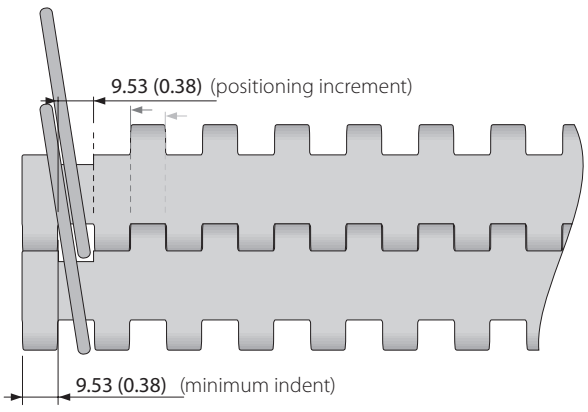


Recommended running direction



Basic data

Material	Color	Height (h)			
		25 mm 1 inch	50 mm 2 inch	75 mm 3 inch	100 mm 4 inch
PE	LB	●	●	●	●
PE	WT	●	●	●	●
PE-MD	BL	●	●		
PP	LB	●	●	●	●
PP	WT	●	●	●	●



BL (Blue), LB (Light blue), WT (White)

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

Forbo
MOVEMENT SYSTEMS

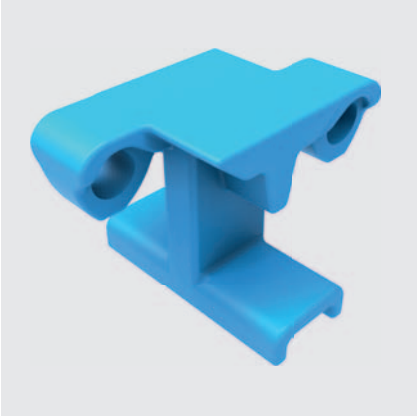
SERIES 10 | **HOLD DOWN TABS**

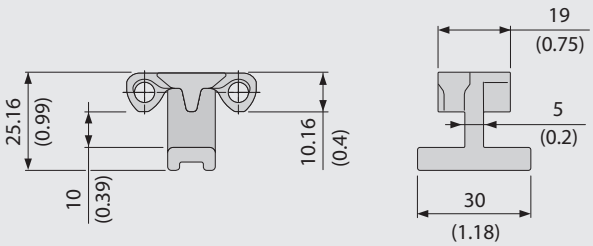
siegling prolink
modular belts

Straight running belt | Pitch 25.4 mm (1 in)

S10 HDT | Hold Down Tabs

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



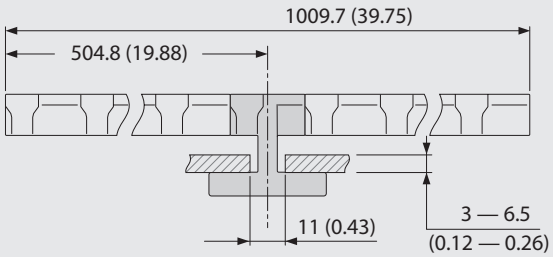


Basic data

Material	Color
POM	LB
	WT

Using Hold Down Tabs results in constrains with regards to sprocket and shaft size to ensure sufficient clearance to the shaft (see also chapter 3.3 hold down tabs).

Example



Sprocket options using HDT

Sprocket size (Number of teeth)	Maximum bore round		Maximum bore square	
	[mm]	[inch]	[mm]	[inch]
Z6	NR	NR	NR	NR
Z8	15	0.75	15	0.5
Z10	35	1.25	25	1.0
Z12	50	1.75	35	1.5
Z15	70	2.75	55	2.0
Z16	80	3.0	60	2.25
Z18	95	3.5	70	2.75
Z20	110	4.25	85	3.25

LB (Light blue), WT (White)

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

Forbo
MOVEMENT SYSTEMS

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	
BPU	Bucket profile
CAP	Pin lock & belt edge sealing
CCW	Counter clockwise
CLP	Clip
CM	Center module
CW	Clockwise
FPL	Finger plate
HDT	Hold Down Tab
IDL	Idler
PIN	Coupling rod
PMC	Profile module center
PMU	Profile module universal
PSP	ProSnap
RI	High Grip insert
RTR	Retaining ring
SG	Module with sideguard
SLI	Slider
SML	Side module, left
SMR	Side module, right
SMU	Side module, universal/both sides
SPR	Sprocket
TPL	Turning panel, left
TPR	Turning panel, right
UM	Universal module
WSC	Wheel Stopper Center
WSS	Wheel Stopper Side

⑤ Style	
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
Ixx	xx = indent in mm
RG	Reversed guided
SG	Side guard
SP	Split sprocket
ST	Strong

⑥ Material	
PA	Polyamide
PA-HT	Polyamide high temperature
PBT	Polybutylentere-phthalate
PE	Polyethylene
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
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
TPC1	Themoplastic 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.