

siegling fullsan
homogeneous belts

FLIGHTS AND SIDEWALLS

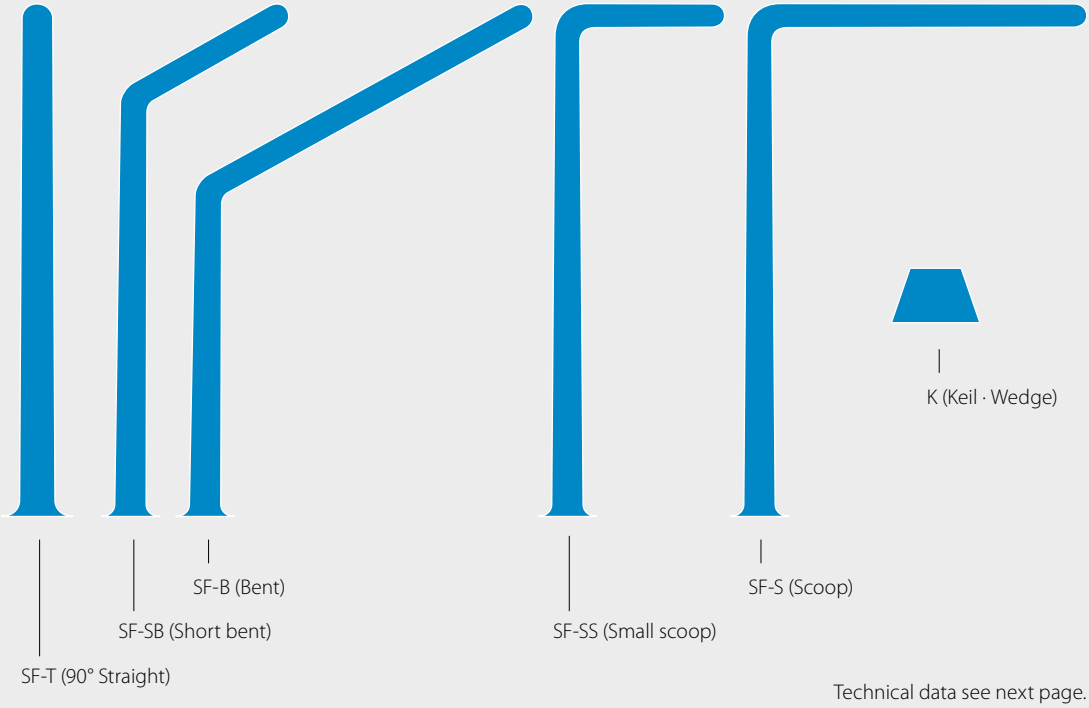
Siegling – total belting solutions

forbo
MOVEMENT SYSTEMS

FLIGHTS

Profiles (PU-flights)

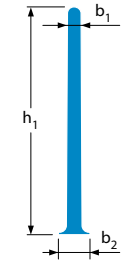
- Belt widths greater than 1,300 mm (51.18 in) can also be fitted with lateral profiles, provided that gaps are acceptable for the application.
- Flight notches available.
- Contact customer service for additional fabrication tolerances, recommendations based on design, and application.



Technical data see next page.

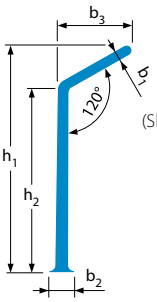
FLIGHTS

Profiles (PU-flights)



SF-T
(90° straight)

Type designation	Article number	Total height h_1 [mm (in)]	Height h_2 [mm (in)]	Thickness b_1/b_2 [mm (in)]	Extension b_3 [mm (in)]	Color	Material/ surface	D_{min} [mm (in)]	
								Temp ≥ 0°C/32°F	Temp < 0°C/32°F
SF-T 5X25-U85-GL/GL BL FDA	880730	25 (0.98)	–	4.7/11 (0.19/0.43)	–	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-T 5X50-U85-GL/GL BL FDA	880731	50 (1.97)	–	4.3/11 (0.17/0.43)	–	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-T 5X75-U85-GL/GL BL FDA	880732	75 (2.95)	–	4.0/11 (0.16/0.43)	–	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-T 7X100-U85-GL/GL BL FDA	880733	100 (3.94)	–	6.3/13 (0.25/0.51)	–	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-T 7X125-U85-GL/GL BL FDA	880734	125 (4.92)	–	6.2/13 (0.24/0.51)	–	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-T 7X150-U85-GL/GL BL FDA	880736	150 (5.91)	–	6.0/13 (0.24/0.51)	–	blue	U85 smooth	128 (5.04)	180 (7.09)

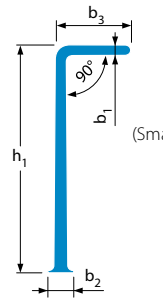


SF-SB
(Short bent)

SF-SB 4X50-U85-GL/GL BL FDA	880750	50 (1.97)	37.9 (1.47)	4.0/10 (0.16/0.39)	25 (0.98)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-SB 4X75-U85-GL/GL BL FDA	880751	75 (2.95)	62.9 (2.48)	4.0/10 (0.16/0.39)	25 (0.98)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-SB 7X100-U85-GL/GL BL FDA	880752	100 (3.94)	88.7 (3.49)	6.4/13 (0.25/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-SB 7X125-U85-GL/GL BL FDA	880753	125 (4.92)	113.7 (4.48)	6.3/13 (0.25/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-SB 7X150-U85-GL/GL BL FDA	880755	150 (5.91)	138.7 (5.46)	6.1/13 (0.24/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)

SF-B
(Bent)
α = 120°

SF-B 4X50-U85-GL/GL BL FDA	880737	50 (1.97)	23.4 (0.92)	4.0/10 (0.16/0.39)	50 (1.97)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-B 4X75-U85-GL/GL BL FDA	880745	75 (2.95)	48.4 (1.91)	4.0/10 (0.16/0.39)	50 (1.97)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-B 7X100-U85-GL/GL BL FDA	880746	100 (3.94)	74.3 (2.93)	6.4/13 (0.25/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-B 7X125-U85-GL/GL BL FDA	880748	125 (4.92)	99.3 (3.91)	6.3/13 (0.25/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-B 7X150-U85-GL/GL BL FDA	880749	150 (5.91)	124.3 (4.89)	6.1/13 (0.24/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)



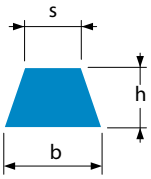
SF-SS
(Small scoop)

SF-SS 4X50-U85-GL/GL BL FDA	880770	50 (1.97)	–	4.0/10 (0.16/0.39)	25 (0.98)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-SS 4X75-U85-GL/GL BL FDA	880771	75 (2.95)	–	4.0/10 (0.16/0.39)	25 (0.98)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-SS 7X75-U85-GL/GL BL FDA	880772	75 (2.95)	–	6.6/13 (0.26/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-SS 7X100-U85-GL/GL BL FDA	880773	100 (3.94)	–	6.5/13 (0.26/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-SS 7X125-U85-GL/GL BL FDA	880774	125 (4.92)	–	6.3/13 (0.25/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-SS 7X150-U85-GL/GL BL FDA	880775	150 (5.91)	–	6.2/13 (0.24/0.51)	25 (0.98)	blue	U85 smooth	128 (5.04)	180 (7.09)

SF-S
(Scoop)

SF-S 4X50-U85-GL/GL BL FDA	880776	50 (1.97)	–	4.0/10 (0.16/0.39)	50 (1.97)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-S 4X75-U85-GL/GL BL FDA	880777	75 (2.95)	–	4.0/10 (0.16/0.39)	50 (1.97)	blue	U85 smooth	101 (3.97)	151 (5.94)
SF-S 7X75-U85-GL/GL BL FDA	880780	75 (2.95)	–	6.6/13 (0.26/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-S 7X100-U85-GL/GL BL FDA	880781	100 (3.94)	–	6.4/13 (0.25/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-S 7X125-U85-GL/GL BL FDA	880782	125 (4.92)	–	6.3/13 (0.25/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)
SF-S 7X150-U85-GL/GL BL FDA	880783	150 (5.91)	–	6.2/13 (0.24/0.51)	50 (1.97)	blue	U85 smooth	128 (5.04)	180 (7.09)

Profile (PU-flights and longitudinal profiles)

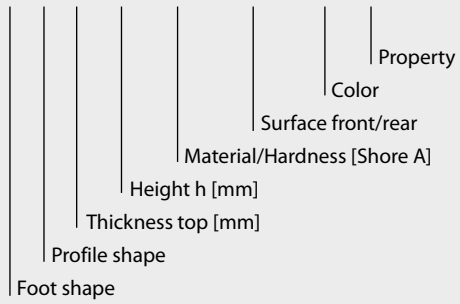


K
(Keil · Wedge)

						Flights		Longitudinal profiles		
Type designation	Article number	Dimensions bxhxs [mm (in)]	Color	Material/ surface	Permissible operating temp. [°C]	Flight distance min. [mm(in)]	d_{min} approx. [mm (in)]*	Profile distance min. [mm(in)]	Unterside d_{min} approx. [mm (in)]*	Top face d_{min} approx. [mm (in)]*
K6	888009	6x4.2x4 (0.24x0.17x0.16)	blue	U65 smooth	-30/+80	30 (1.18)	30 (1.18)	30 (1.18)	40 (1.57)	30 (1.18)
K10	880517	10x6x6 (0.39x0.24x0.24)	blue	U65 smooth	-30/+80	30 (1.18)	50 (1.97)	30 (1.18)	70 (2.76)	60 (2.36)
K13	881233	13x8x7.5 (0.51x0.31x0.30)	blue	U65 smooth	-30/+80	30 (1.18)	80 (3.15)	30 (1.18)	90 (3.54)	60 (2.36)
K17	888411	17x11x9.5 (0.67x0.43x0.37)	blue	U65 smooth	-30/+80	30 (1.18)	110 (4.33)	30 (1.18)	90 (3.54)	90 (3.54)

Type key

SF-SS 7X75-U85-GL/GL BL FDA



SF = Small foot

B = Bent
K = Keil (Wedge profile)
SB = Short bent
S = Scoop
SS = Small scoop
T = T-Profile

U = Polyurethane

GL = Glatt (smooth)

FDA = In compliance with EC/FDA

BL = Blue

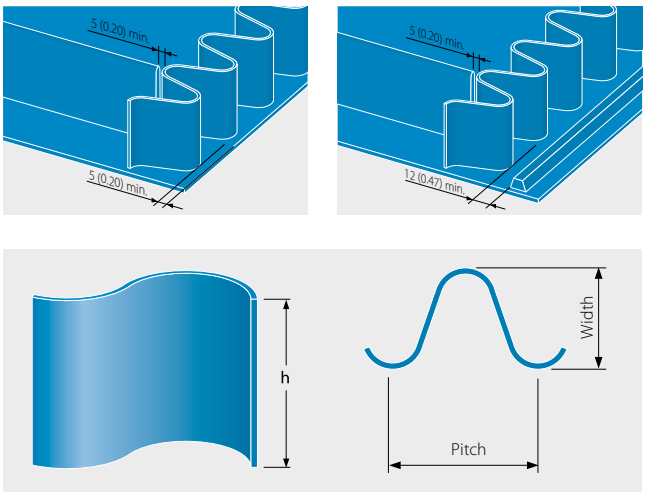
Blue (RAL 5015)

* When establishing the drum diameter, the d_{min} of the belt, the lateral profile and the sidewall must be taken into account. The highest value is vital and must be adhered to. The d_{min} figures are guidelines. They were determined at normal ambient conditions (20°C/50% humidity.) Lower temperatures require smaller diameters.

CORRUGATED SIDEWALLS

Profiles (PU-corrugated sidewalls)

- PU-corrugated sidewall material is available in 2 mm (0.08 in) or 2.5 mm (0.10 in) thickness, depending on sidewall height.
- Minimum sidewall indent is 5 mm (0.20 in).
- Minimum gap to topside guide is 12 mm (0.47 in).
- Minimum gap to flight is 5 mm (0.20 in).
- Contact customer service for additional fabrication tolerances, recommendations based on design, and application.



Detailed dimensions, tolerances, and other specifications available on request. Contact customer service for additional information and recommendations.

Type designation	Article number		Total height h [mm (in)]	Thickness [mm (in)]	Pitch [mm (in)]	Width [mm (in)]	Color	Material/ surface	D_{min} [mm (in)]	D_{min} [mm (in)] with counterbending [mm (in)]
FW 2X 25/P40-U90-GL/GL BL FDA	2880714	CD 40	25 (0.98)	2 (0.08)	40 (1.57)	49.5 (1.95)	blue	U90 smooth	80 (3.15)	110 (4.33)
FW 2X 50/P40-U90-GL/GL BL FDA	2880715		50 (1.97)	2 (0.08)	40 (1.57)	49.5 (1.95)	blue	U90 smooth	100 (3.94)	150 (5.90)
FW 2X 75/P40-U90-GL/GL BL FDA	2880716		75 (2.95)	2 (0.08)	40 (1.57)	49.5 (1.95)	blue	U90 smooth	130 (5.12)	230 (9.05)
FW 2X100/P40-U90-GL/GL BL FDA	2880717		100 (3.94)	2 (0.08)	40 (1.57)	49.5 (1.95)	blue	U90 smooth	160 (6.3)	300 (11.81)

Type key

FW 2X100/P40-U90-GL/GL BL FDA

- Foot shape
- Thickness [mm]
- Height [mm]
- Pitch [mm]
- Material/Hardness [Shore A]
- Surface front/rear
- Color
- Property

FW = Footless wall
P = Pitch
U = Polyurethane
GL = Glatt (Smooth)
BL = Blue
FDA = In compliance with EC/FDA

Blue (RAL 5015)

Siegling – total belting solutions

Committed staff, quality oriented organization and production processes ensure the constantly high standards of our products and services.

Forbo Movement Systems complies with total quality management principles. Our quality management system has ISO 9001 certification at all production and fabrication sites. What's more, many sites have ISO 14001 environmental management certification.





Forbo Siegling service – anytime, anywhere

The Forbo Siegling Group employs around 2,400 people. Our products are manufactured in ten production facilities across the world. You can find companies and agencies with warehouses and workshops in over 80 countries. Forbo Siegling service points are located in more than 300 places worldwide.

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MOVEMENT SYSTEMS

Ref. no. 444-2 (Extract profiles and corrugated sidewalls)
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