



siegling fullsan
homogeneous belts

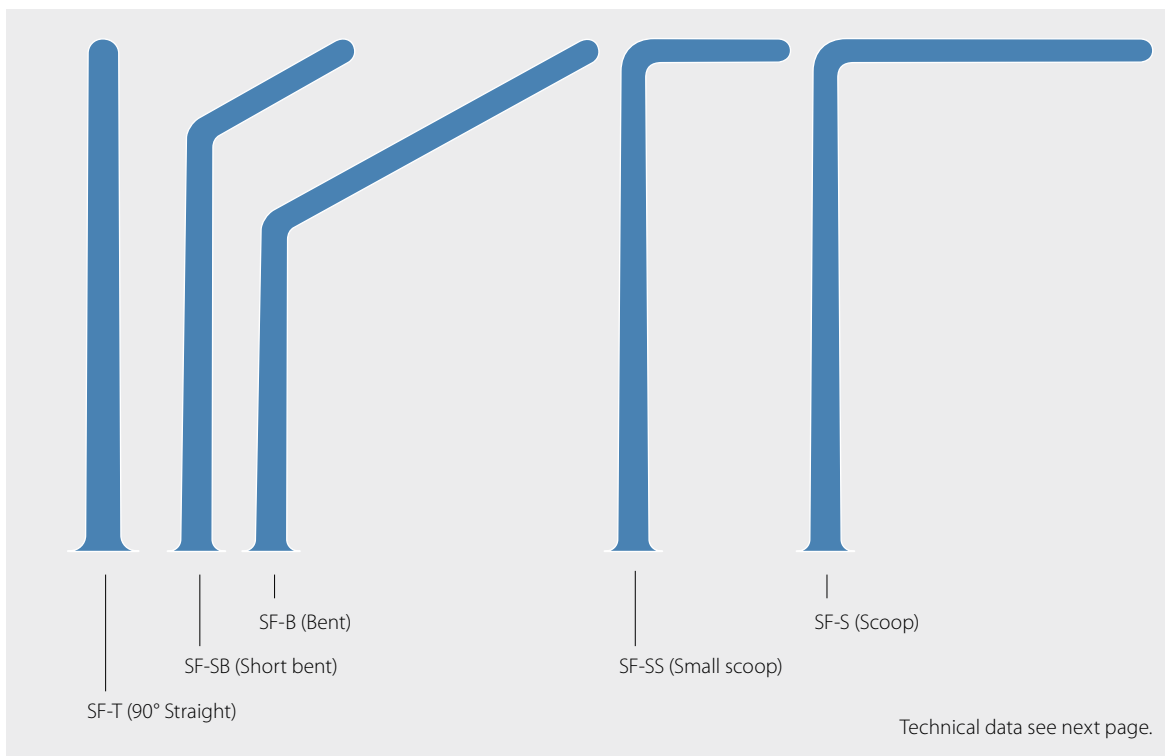
FLIGHTS AND SIDEWALLS

Excerpt from Fullsan "Engineering Manual" 03/22 (Ref. no. 444-2)

FLIGHTS

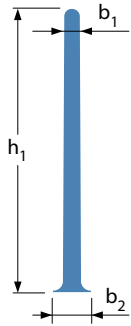
Profiles (PU-flights)

- Maximum flight length is 1.300 mm (51.18 in) for most flights.
- Flight notches available.
- Contact customer service for additional fabrication tolerances, recommendations based on design, and application.

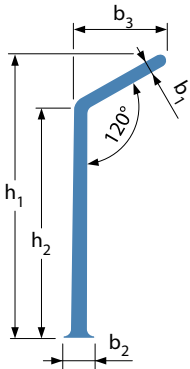


FLIGHTS

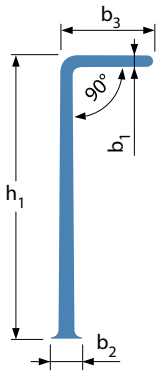
Profiles (PU-flights)




	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	Minimum Pulley Diameter [mm (in)]	
							Temp $\geq 0^\circ\text{C}/32^\circ\text{F}$	Temp $< 0^\circ\text{C}/32^\circ\text{F}$
SF-T (90° straight)	25 (0.98)	-	4.7/11 (0.19/0.43)	-	blue	U85 smooth surface	101 (3.97)	151 (5.94)
	50 (1.97)		4.3/11 (0.17/0.43)					
	75 (2.95)		4.0/11 (0.16/0.43)					
	100 (3.94)		6.3/13 (0.25/0.51)					
	125 (4.92)		6.2/13 (0.24/0.51)					
	150 (5.91)		6.0/13 (0.24/0.51)					



SF-SB (Short bent)	50 (1.97)	37.9 (1.47)	4.0/10 (0.16/0.39)	25 (0.98)	blue	U85 smooth surface	101 (3.97)	151 (5.94)
	75 (2.95)	62.9 (2.48)	4.0/10 (0.16/0.39)					
	100 (3.94)	88.7 (3.49)	6.4/13 (0.25/0.51)				128 (5.04)	180 (7.09)
SF-B (Bent) $\alpha = 120^\circ$	50 (1.97)	23.4 (0.92)	4.0/10 (0.16/0.39)	50 (1.97)	blue	U85 smooth surface	101 (3.97)	151 (5.94)
	75 (2.95)	48.4 (1.91)	4.0/10 (0.16/0.39)					
	100 (3.94)	74.3 (2.93)	6.4/13 (0.25/0.51)				128 (5.04)	180 (7.09)



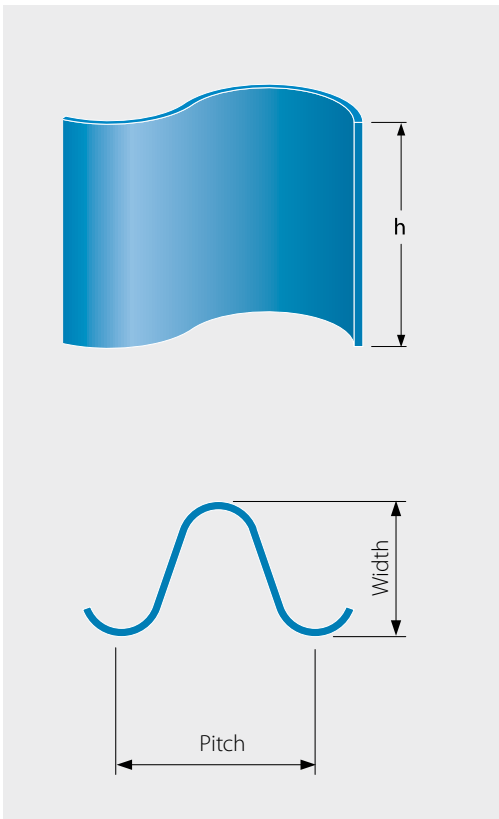
SF-SS (Small scoop)	50 (1.97)	-	6.6/13 (0.26/0.51)	25 (0.98)	blue	U85 smooth surface	101 (3.97)	151 (5.94)
	75 (2.95)							
	100 (3.94)						128 (5.04)	180 (7.09)
SF-S (Scoop)	50 (1.97)	-	6.4/13 (0.25/0.51)	50 (1.97)	blue	U85 smooth surface	101 (3.97)	151 (5.94)
	75 (2.95)							
	100 (3.94)						128 (5.04)	180 (7.09)
	150 (5.91)							

 Blue (RAL 5015)

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.



Height h [mm (in)]	Thickness [mm (in)]	Pitch [mm (in)]	Width [mm (in)]	Color	Material/ surface	Min. pulley ϕ [mm (in)]	Min. pulley ϕ [mm (in)] counterbending
25 (0.98)	2 (0.08)	40 (1.57)	49.5 (1.95)	blue	U90 smooth surface	80 (3.15)	110 (4.33)
50 (1.97)						100 (3.94)	150 (5.90)
75 (2.95)						130 (5.12)	230 (9.05)
100 (3.94)						160 (6.3)	300 (11.81)

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

 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.



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