

## Roof Fastener Spacing (feet)

Wind Speed (mph) Exposure Category	Roof Slope: 0.5:12 to 1.47:12				Roof Slope: 1.48:12 to 6.11:12			Roof Slope: 6.12:12 to 12:12			
	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	
100C	Thickness	-13.4 psf	-23.6 psf	-31.3 psf	-42.9 psf	-27.5 psf	-36.5 psf	-48 psf	-24.9 psf	-27.5 psf	-42.9 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
110C	Thickness	-16.3 psf	-28.7 psf	-38 psf	-52 psf	-33.4 psf	-44.2 psf	-58.2 psf	-30.2 psf	-33.4 psf	-52 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
120C	Thickness	-19.5 psf	-34.2 psf	-45.3 psf	-61.9 psf	-39.8 psf	-52.7 psf	-69.3 psf	-36.1 psf	-39.8 psf	-61.9 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
130C	Thickness	-22.9 psf	-40.3 psf	-53.3 psf	-72.8 psf	-46.8 psf	-61.9 psf	-81.4 psf	-42.4 psf	-46.8 psf	-72.8 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	2.50	3.00	3.00	3.00
140C	Thickness	-26.7 psf	-46.8 psf	-61.9 psf	-84.5 psf	-54.3 psf	-71.9 psf	-94.5 psf	-49.3 psf	-54.3 psf	-84.5 psf
	26 ga	3.00	3.00	3.00	2.25	3.00	3.00	1.75	3.00	3.00	2.25
150C	Thickness	-30.7 psf	-53.8 psf	-71.1 psf	-97.1 psf	-62.4 psf	-82.6 psf	-108.6 psf	-56.7 psf	-62.4 psf	-97.1 psf
	26 ga	3.00	3.00	3.00	1.75	3.00	2.50	1.50	3.00	3.00	1.75
160C	Thickness	-35 psf	-61.2 psf	-80.9 psf	-110.5 psf	-71.1 psf	-94.1 psf	-123.6 psf	-64.5 psf	-71.1 psf	-110.5 psf
	26 ga	3.00	3.00	2.50	1.50	3.00	1.75	1.50	3.00	3.00	1.50
170C	Thickness	-39.6 psf	-69.2 psf	-91.4 psf	-124.8 psf	-80.3 psf	-106.3 psf	-139.6 psf	-72.9 psf	-80.3 psf	-124.8 psf
	26 ga	3.00	3.00	2.00	1.50	N.G.	N.G.	N.G.	3.00	2.50	1.50

### Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.7 and determined by interpolation of those values. 1/3 increase is not included for wind. The fasteners and fastening patterns are shown in the Approval.

2. Allowable spacing is based on an applied load determined using ASCE 7-22 for the Wind Speeds, Wind Exposure Categories, "Roof Slopes, and Roof Zones shown, assuming 10 square feet tributary area, Enclosed Gable Roof, 3 or more equal span case, Topographic Factor of 1 and Mean Roof Height of 30 feet. Tornado Loads are not considered.

3. Allowable spacing is determined for wind suction using the pressures shown, resulting from the combination  $0.6DL + 0.6W$ . Also considered is the inward wind pressure, 20 psf live load and the weight of the panel.

