

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	-13.3 psf	-23.6 psf	-31.3 psf	-42.8 psf	-27.5 psf	-36.4 psf	-48 psf	-24.9 psf	-27.5 psf	-42.8 psf
	26 ga	5.00	5.00	5.00	4.75	5.00	5.00	4.25	5.00	5.00	4.75
110C	Thickness	-16.3 psf	-28.7 psf	-38 psf	-51.9 psf	-33.3 psf	-44.2 psf	-58.2 psf	-30.2 psf	-33.3 psf	-51.9 psf
	26 ga	5.00	5.00	5.00	4.00	5.00	4.50	3.50	5.00	5.00	4.00
120C	Thickness	-19.4 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	5.00	5.00	4.50	3.25	5.00	3.75	3.00	5.00	5.00	3.25
130C	Thickness	-22.9 psf	-40.2 psf	-53.2 psf	-72.8 psf	-46.7 psf	-61.9 psf	-81.4 psf	-42.4 psf	-46.7 psf	-72.8 psf
	26 ga	5.00	5.00	3.75	2.75	4.25	3.25	2.50	4.75	4.25	2.75
140C	Thickness	-26.6 psf	-46.8 psf	-61.8 psf	-84.5 psf	-54.3 psf	-71.9 psf	-94.5 psf	-49.3 psf	-54.3 psf	-84.5 psf
	26 ga	5.00	4.25	3.25	2.25	3.75	2.75	2.00	4.25	3.75	2.25
150C	Thickness	-30.7 psf	-53.7 psf	-71.1 psf	-97 psf	-62.4 psf	-82.6 psf	-108.6 psf	-56.6 psf	-62.4 psf	-97 psf
	26 ga	5.00	3.75	2.75	2.00	3.25	2.50	2.00	3.50	3.25	2.00
160C	Thickness	-35 psf	-61.2 psf	-80.9 psf	-110.5 psf	-71.1 psf	-94 psf	-123.6 psf	-64.5 psf	-71.1 psf	-110.5 psf
	26 ga	5.00	3.25	2.50	2.00	2.75	2.00	2.00	3.00	2.75	2.00
170C	Thickness	-39.5 psf	-69.2 psf	-91.4 psf	-124.8 psf	-80.3 psf	-106.2 psf	-139.6 psf	-72.9 psf	-80.3 psf	-124.8 psf
	26 ga	5.00	3.00	2.25	2.00	2.50	2.00	2.00	2.75	2.50	2.00

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.7 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.

