

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 26 ga	-13.3 psf 3.00	-23.6 psf 3.00	-31.3 psf 3.00	-42.8 psf 3.00	-27.4 psf 3.00	-36.4 psf 3.00	-47.9 psf 3.00	-24.9 psf 3.00	-27.4 psf 3.00	-42.8 psf 3.00
110C	Thickness 26 ga	-16.2 psf 3.00	-28.6 psf 3.00	-37.9 psf 3.00	-51.9 psf 3.00	-33.3 psf 3.00	-44.2 psf 3.00	-58.1 psf 3.00	-30.2 psf 3.00	-33.3 psf 3.00	-51.9 psf 3.00
120C	Thickness 26 ga	-19.4 psf 3.00	-34.2 psf 3.00	-45.3 psf 3.00	-61.9 psf 3.00	-39.7 psf 3.00	-52.6 psf 3.00	-69.3 psf 3.00	-36 psf 3.00	-39.7 psf 3.00	-61.9 psf 3.00
130C	Thickness 26 ga	-22.9 psf 3.00	-40.2 psf 3.00	-53.2 psf 3.00	-72.7 psf 3.00	-46.7 psf 3.00	-61.9 psf 3.00	-81.4 psf 3.00	-42.4 psf 3.00	-46.7 psf 3.00	-72.7 psf 3.00
140C	Thickness 26 ga	-26.6 psf 3.00	-46.7 psf 3.00	-61.8 psf 3.00	-84.4 psf 1.75	-54.3 psf N.G.	-71.9 psf N.G.	-94.5 psf N.G.	-49.2 psf 3.00	-54.3 psf 3.00	-84.4 psf 1.75
150C	Thickness 26 ga	-30.6 psf N.G.	-53.7 psf N.G.	-71 psf N.G.	-97 psf N.G.	-62.4 psf N.G.	-82.6 psf N.G.	-108.5 psf N.G.	-56.6 psf N.G.	-62.4 psf N.G.	-97 psf N.G.
160C	Thickness 26 ga	-34.9 psf N.G.	-61.2 psf N.G.	-80.9 psf N.G.	-110.4 psf N.G.	-71 psf N.G.	-94 psf N.G.	-123.6 psf N.G.	-64.5 psf N.G.	-71 psf N.G.	-110.4 psf N.G.
170C	Thickness 26 ga	-39.5 psf N.G.	-69.1 psf N.G.	-91.4 psf N.G.	-124.7 psf N.G.	-80.3 psf N.G.	-106.2 psf N.G.	-139.6 psf N.G.	-72.8 psf N.G.	-80.3 psf N.G.	-124.7 psf N.G.

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.1 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.
- 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.
- 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.

