

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	
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	2.00	2.00	2.00	2.00	2.00	2.00	1.75	2.00	2.00	2.00
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	2.00	2.00	2.00	1.75	2.00	2.00	1.50	2.00	2.00	1.75
160C	Thickness	-35 psf	-61.3 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	2.00	2.00	2.00	1.50	2.00	1.75	1.50	2.00	2.00	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	2.00	2.00	1.75	1.50	2.00	1.75	1.25	2.00	2.00	1.50
180C	Thickness	-44.4 psf	-77.6 psf	-102.6 psf	-140 psf	-90.1 psf	-119.2 psf	-156.6 psf	-81.8 psf	-90.1 psf	-140 psf
	26 ga	2.00	2.00	1.75	1.25	N.G.	N.G.	N.G.	2.00	1.75	1.25
190C	Thickness	-49.5 psf	-86.6 psf	-114.3 psf	-156 psf	-100.5 psf	-132.9 psf	-174.5 psf	-91.2 psf	-100.5 psf	-156 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
200C	Thickness	-54.9 psf	-96 psf	-126.7 psf	-172.9 psf	-111.4 psf	-147.3 psf	-193.4 psf	-101.1 psf	-111.4 psf	-172.9 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
210C	Thickness	-60.6 psf	-105.9 psf	-139.8 psf	-190.7 psf	-122.8 psf	-162.4 psf	-213.3 psf	-111.5 psf	-122.8 psf	-190.7 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL14645.2 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.

