

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		
	Thickness	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
100D	26 ga	-15.9 psf	-28.1 psf	-37.2 psf	-50.8 psf	-32.6 psf	-43.2 psf	-56.9 psf	-29.6 psf	-32.6 psf	-50.8 psf
		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
110D	26 ga	-19.4 psf	-34 psf	-45.1 psf	-61.6 psf	-39.5 psf	-52.4 psf	-68.9 psf	-35.9 psf	-39.5 psf	-61.6 psf
		3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
120D	26 ga	-23.1 psf	-40.6 psf	-53.7 psf	-73.4 psf	-47.2 psf	-62.5 psf	-82.1 psf	-42.8 psf	-47.2 psf	-73.4 psf
		3.00	3.00	3.00	3.00	3.00	3.00	2.50	3.00	3.00	3.00
130D	26 ga	-27.2 psf	-47.7 psf	-63.1 psf	-86.2 psf	-55.4 psf	-73.4 psf	-96.5 psf	-50.3 psf	-55.4 psf	-86.2 psf
		3.00	3.00	3.00	2.25	3.00	3.00	1.75	3.00	3.00	2.25
140D	26 ga	-31.6 psf	-55.4 psf	-73.3 psf	-100 psf	-64.4 psf	-85.2 psf	-111.9 psf	-58.4 psf	-64.4 psf	-100 psf
		3.00	3.00	3.00	1.75	3.00	2.25	1.50	3.00	3.00	1.75
150D	26 ga	-36.4 psf	-63.7 psf	-84.2 psf	-114.9 psf	-74 psf	-97.9 psf	-128.6 psf	-67.1 psf	-74 psf	-114.9 psf
		3.00	3.00	2.25	1.50	3.00	1.75	1.50	3.00	3.00	1.50
160D	26 ga	-41.5 psf	-72.6 psf	-95.9 psf	-130.8 psf	-84.2 psf	-111.4 psf	-146.4 psf	-76.4 psf	-84.2 psf	-130.8 psf
		3.00	3.00	1.75	1.50	N.G.	N.G.	N.G.	2.75	2.25	1.50
170D	26 ga	-46.9 psf	-82 psf	-108.3 psf	-147.7 psf	-95.1 psf	-125.8 psf	-165.3 psf	-86.4 psf	-95.1 psf	-147.7 psf
		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, FL14645.7 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.

