

## 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
120D	Thickness	-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
	26 ga	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
130D	Thickness	-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
	26 ga	2.00	2.00	2.00	1.75	2.00	2.00	1.75	2.00	2.00	1.75
140D	Thickness	-31.6 psf	-55.4 psf	-73.3 psf	-100.1 psf	-64.4 psf	-85.2 psf	-111.9 psf	-58.4 psf	-64.4 psf	-100.1 psf
	26 ga	2.00	2.00	2.00	1.75	2.00	1.75	1.50	2.00	2.00	1.75
150D	Thickness	-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
	26 ga	2.00	2.00	2.00	1.50	2.00	1.75	1.50	2.00	2.00	1.50
160D	Thickness	-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
	26 ga	2.00	2.00	1.75	1.50	2.00	1.50	1.00	2.00	2.00	1.50
170D	Thickness	-46.9 psf	-82 psf	-108.3 psf	-147.8 psf	-95.1 psf	-125.8 psf	-165.3 psf	-86.4 psf	-95.1 psf	-147.8 psf
	26 ga	2.00	2.00	1.50	1.00	N.G.	N.G.	N.G.	1.75	1.75	1.00
180D	Thickness	-52.6 psf	-92 psf	-121.5 psf	-165.7 psf	-106.7 psf	-141.1 psf	-185.4 psf	-96.9 psf	-106.7 psf	-165.7 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
190D	Thickness	-58.7 psf	-102.5 psf	-135.4 psf	-184.7 psf	-118.9 psf	-157.3 psf	-206.6 psf	-108 psf	-118.9 psf	-184.7 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.

