

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	
100D	Thickness	-15.9 psf	-28 psf	-37.1 psf	-50.8 psf	-32.5 psf	-43.2 psf	-56.8 psf	-29.5 psf	-32.5 psf	-50.8 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
110D	Thickness	-19.3 psf	-34 psf	-45 psf	-61.5 psf	-39.5 psf	-52.3 psf	-68.9 psf	-35.8 psf	-39.5 psf	-61.5 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
120D	Thickness	-23.1 psf	-40.5 psf	-53.7 psf	-73.3 psf	-47.1 psf	-62.4 psf	-82.1 psf	-42.7 psf	-47.1 psf	-73.3 psf
	26 ga	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
130D	Thickness	-27.2 psf	-47.7 psf	-63.1 psf	-86.1 psf	-55.4 psf	-73.3 psf	-96.4 psf	-50.2 psf	-55.4 psf	-86.1 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
140D	Thickness	-31.6 psf	-55.4 psf	-73.2 psf	-100 psf	-64.3 psf	-85.1 psf	-111.9 psf	-58.3 psf	-64.3 psf	-100 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
150D	Thickness	-36.3 psf	-63.6 psf	-84.1 psf	-114.9 psf	-73.9 psf	-97.8 psf	-128.5 psf	-67.1 psf	-73.9 psf	-114.9 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
160D	Thickness	-41.4 psf	-72.5 psf	-95.8 psf	-130.8 psf	-84.1 psf	-111.3 psf	-146.3 psf	-76.4 psf	-84.1 psf	-130.8 psf
	26 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
170D	Thickness	-46.8 psf	-81.9 psf	-108.2 psf	-147.7 psf	-95.1 psf	-125.8 psf	-165.2 psf	-86.3 psf	-95.1 psf	-147.7 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, FL14645.1 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.

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.

