

## Roof Clip 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
100C	24 ga	5.00	5.00	5.00	4.33	5.00	5.00	4.00	5.00	5.00	4.33
		-13.1 psf	-23.4 psf	-31.1 psf	-42.6 psf	-27.2 psf	-36.2 psf	-47.7 psf	-24.6 psf	-27.2 psf	-42.6 psf
110C	24 ga	5.00	5.00	5.00	3.67	5.00	4.33	3.33	5.00	5.00	3.67
		-16 psf	-28.4 psf	-37.7 psf	-51.7 psf	-33.1 psf	-43.9 psf	-57.9 psf	-30 psf	-33.1 psf	-51.7 psf
120C	24 ga	5.00	5.00	4.33	3.00	5.00	3.67	2.67	5.00	5.00	3.00
		-19.2 psf	-34 psf	-45 psf	-61.7 psf	-39.5 psf	-52.4 psf	-69.1 psf	-35.8 psf	-39.5 psf	-61.7 psf
130C	24 ga	5.00	4.67	3.67	2.67	4.00	3.00	2.33	4.67	4.00	2.67
		-22.7 psf	-40 psf	-53 psf	-72.5 psf	-46.5 psf	-61.7 psf	-81.2 psf	-42.2 psf	-46.5 psf	-72.5 psf
140C	24 ga	5.00	4.00	3.00	2.33	3.33	2.67	2.00	4.00	3.33	2.33
		-26.4 psf	-46.5 psf	-61.6 psf	-84.2 psf	-54 psf	-71.6 psf	-94.3 psf	-49 psf	-54 psf	-84.2 psf
150C	24 ga	5.00	3.67	2.67	2.00	3.00	2.33	1.33	3.33	3.00	2.00
		-30.4 psf	-53.5 psf	-70.8 psf	-96.8 psf	-62.2 psf	-82.4 psf	-108.3 psf	-56.4 psf	-62.2 psf	-96.8 psf
160C	24 ga	5.00	3.00	2.33	1.33	N.G.	N.G.	N.G.	3.00	2.67	1.33
		-34.7 psf	-61 psf	-80.7 psf	-110.2 psf	-70.8 psf	-93.8 psf	-123.3 psf	-64.3 psf	-70.8 psf	-110.2 psf
170C	24 ga	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.	N.G.
		-39.3 psf	-68.9 psf	-91.2 psf	-124.5 psf	-80 psf	-106 psf	-139.3 psf	-72.6 psf	-80 psf	-124.5 psf

### Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.6 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.

