

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			
	zone 1'	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	
100C	Thickness 24 ga	-13.1 psf 5.00	-15.4 psf 5.00	-20.6 psf 5.00	-28.3 psf 5.00	-27.2 psf 5.00	-27.2 psf 5.00	-31.7 psf 5.00	-24.6 psf 5.00	-24.6 psf 5.00	-28.3 psf 5.00
120C	Thickness 24 ga	-19.2 psf 5.00	-22.5 psf 5.00	-29.9 psf 5.00	-41.1 psf 5.00	-39.5 psf 5.00	-39.5 psf 5.00	-46 psf 5.00	-35.8 psf 5.00	-35.8 psf 5.00	-41.1 psf 5.00
140C	Thickness 24 ga	-26.4 psf 5.00	-30.9 psf 5.00	-41 psf 5.00	-56.2 psf 4.33	-54 psf 4.67	-54 psf 4.67	-62.9 psf 4.00	-49 psf 5.00	-49 psf 5.00	-56.2 psf 4.33
160C	Thickness 24 ga	-34.7 psf 5.00	-40.6 psf 5.00	-53.8 psf 4.67	-73.6 psf 3.33	-70.8 psf 3.33	-70.8 psf 3.33	-82.4 psf 3.00	-64.3 psf 3.67	-64.3 psf 3.67	-73.6 psf 3.33
180C	Thickness 24 ga	-44.1 psf 5.00	-51.6 psf 4.67	-68.3 psf 3.67	-93.3 psf 2.67	-89.8 psf 2.67	-89.8 psf 2.67	-104.5 psf 2.33	-81.5 psf 3.00	-81.5 psf 3.00	-93.3 psf 2.67
200C	Thickness 24 ga	-54.7 psf 4.33	-63.9 psf 3.67	-84.5 psf 3.00	-115.4 psf 2.00	-111.1 psf 2.00	-111.1 psf 2.00	-129.2 psf 1.67	-100.8 psf 2.33	-100.8 psf 2.33	-115.4 psf 2.00
220C	Thickness 24 ga	-66.3 psf 3.67	-77.4 psf 3.00	-102.4 psf 2.33	-139.8 psf 1.00	-134.6 psf N.G.	-134.6 psf N.G.	-156.4 psf N.G.	-122.1 psf 2.00	-122.1 psf 2.00	-139.8 psf 1.00
240C	Thickness 24 ga	-79 psf N.G.	-92.3 psf N.G.	-122 psf N.G.	-166.5 psf N.G.	-160.3 psf N.G.	-160.3 psf N.G.	-186.3 psf N.G.	-145.5 psf N.G.	-145.5 psf N.G.	-166.5 psf N.G.

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.5 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.

