

## 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	
<b>100C</b>	Thickness 26 ga	-13.4 psf 4.00	-23.6 psf 4.00	-31.3 psf 4.00	-42.9 psf 4.00	-27.5 psf 4.00	-36.5 psf 4.00	-48 psf 4.00	-24.9 psf 4.00	-27.5 psf 4.00	-42.9 psf 4.00
<b>110C</b>	Thickness 26 ga	-16.3 psf 4.00	-28.7 psf 4.00	-38 psf 4.00	-52 psf 4.00	-33.4 psf 4.00	-44.2 psf 4.00	-58.2 psf 4.00	-30.2 psf 4.00	-33.4 psf 4.00	-52 psf 4.00
<b>120C</b>	Thickness 26 ga	-19.5 psf 4.00	-34.2 psf 4.00	-45.3 psf 4.00	-61.9 psf 3.75	-39.8 psf 4.00	-52.7 psf 4.00	-69.3 psf 3.50	-36.1 psf 4.00	-39.8 psf 4.00	-61.9 psf 3.75
<b>130C</b>	Thickness 26 ga	-22.9 psf 4.00	-40.3 psf 4.00	-53.3 psf 4.00	-72.8 psf 3.25	-46.8 psf 4.00	-61.9 psf 3.75	-81.4 psf 3.00	-42.4 psf 4.00	-46.8 psf 4.00	-72.8 psf 3.25
<b>140C</b>	Thickness 26 ga	-26.7 psf 4.00	-46.8 psf 4.00	-61.9 psf 3.75	-84.5 psf 2.75	-54.3 psf 4.00	-71.9 psf 3.25	-94.5 psf 2.50	-49.3 psf 4.00	-54.3 psf 4.00	-84.5 psf 2.75
<b>150C</b>	Thickness 26 ga	-30.7 psf 4.00	-53.8 psf 4.00	-71.1 psf 3.25	-97.1 psf 2.50	-62.4 psf 3.75	-82.6 psf 2.75	-108.6 psf 2.25	-56.7 psf 4.00	-62.4 psf 3.75	-97.1 psf 2.50
<b>160C</b>	Thickness 26 ga	-35 psf 4.00	-61.2 psf 3.75	-80.9 psf 3.00	-110.5 psf 2.00	-71.1 psf 3.25	-94.1 psf 2.50	-123.6 psf 2.00	-64.5 psf 3.75	-71.1 psf 3.25	-110.5 psf 2.00
<b>170C</b>	Thickness 26 ga	-39.6 psf 4.00	-69.2 psf 3.50	-91.4 psf 2.50	-124.8 psf 2.00	-80.3 psf N.G.	-106.3 psf N.G.	-139.6 psf N.G.	-72.9 psf 3.25	-80.3 psf 3.00	-124.8 psf 2.00

### Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.3 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.

