

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			
110C	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-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
180C	Thickness	zone 1*	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	-44.1 psf	-77.4 psf	-102.3 psf	-139.7 psf	-89.8 psf	-118.9 psf	-156.3 psf	-81.5 psf	-89.8 psf	-139.7 psf

Notes:

1. Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL11560.6 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.

* - Indicates that MPW-1203-8 Clip are required in this zone.

