

## 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
100D	Thickness	-15.6 psf	-27.8 psf	-36.9 psf	-50.5 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	3.00	3.00	3.00	-32.3 psf	-43 psf	-56.6 psf	-29.3 psf	-32.3 psf	-50.5 psf
110D	Thickness	-19.1 psf	-33.8 psf	-44.8 psf	-61.3 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	3.00	3.00	1.00*	-39.3 psf	-52.1 psf	-68.7 psf	-35.6 psf	-39.3 psf	-61.3 psf
120D	Thickness	-22.8 psf	-40.3 psf	-53.4 psf	-73.1 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	3.00	3.00	1.00*	-46.9 psf	-62.2 psf	-81.8 psf	-42.5 psf	-46.9 psf	-73.1 psf
130D	Thickness	-26.9 psf	-47.5 psf	-62.8 psf	-85.9 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	3.00	1.00*	1.00*	-55.2 psf	-73.1 psf	-96.2 psf	-50 psf	-55.2 psf	-85.9 psf
140D	Thickness	-31.4 psf	-55.2 psf	-73 psf	-99.8 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	3.00	1.00*	1.00*	-64.1 psf	-84.9 psf	-111.7 psf	-58.1 psf	-64.1 psf	-99.8 psf
150D	Thickness	-36.1 psf	-63.4 psf	-83.9 psf	-114.6 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	1.00*	1.00*	1.00*	-73.7 psf	-97.6 psf	-128.3 psf	-66.9 psf	-73.7 psf	-114.6 psf
160D	Thickness	-41.2 psf	-72.3 psf	-95.6 psf	-130.5 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	1.00*	1.00*	1.00*	-83.9 psf	-111.1 psf	-146.1 psf	-76.2 psf	-83.9 psf	-130.5 psf
170D	Thickness	-46.6 psf	-81.7 psf	-108 psf	-147.5 psf	zone 1	zone 2	zone 3	zone 1	zone 2	zone 3
	24 ga	3.00	1.00*	1.00*	1.00*	-94.8 psf	-125.5 psf	-165 psf	-86.1 psf	-94.8 psf	-147.5 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.

