

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 | -18.4 psf | -24.5 psf | -33.6 psf | -32.3 psf | -32.3 psf | -37.7 psf | -29.3 psf | -29.3 psf | -33.6 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 120D | Thickness | -22.8 psf | -26.8 psf | -35.6 psf | -48.7 psf | -46.9 psf | -46.9 psf | -54.6 psf | -42.5 psf | -42.5 psf | -48.7 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 4.67 | 5.00 | 5.00 | 5.00 |
| 140D | Thickness | -31.4 psf | -36.7 psf | -48.7 psf | -66.6 psf | -64.1 psf | -64.1 psf | -74.6 psf | -58.1 psf | -58.1 psf | -66.6 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 3.67 | 3.67 | 3.67 | 3.33 | 4.33 | 4.33 | 3.67 |
| 160D | Thickness | -41.2 psf | -48.2 psf | -63.8 psf | -87.2 psf | -83.9 psf | -83.9 psf | -97.6 psf | -76.2 psf | -76.2 psf | -87.2 psf |
| | 24 ga | 5.00 | 5.00 | 3.67 | 2.67 | 3.00 | 3.00 | 2.33 | 3.33 | 3.33 | 2.67 |
| 180D | Thickness | -52.3 psf | -61.2 psf | -80.9 psf | -110.6 psf | -106.4 psf | -106.4 psf | -123.8 psf | -96.6 psf | -96.6 psf | -110.6 psf |
| | 24 ga | 4.67 | 4.00 | 3.00 | 2.00 | 2.33 | 2.33 | 1.67 | 2.33 | 2.33 | 2.00 |
| 200D | Thickness | -64.8 psf | -75.7 psf | -100.1 psf | -136.7 psf | -131.6 psf | -131.6 psf | -153 psf | -119.4 psf | -119.4 psf | -136.7 psf |
| | 24 ga | 3.67 | 3.33 | 2.33 | 1.33 | N.G. | N.G. | N.G. | 2.00 | 2.00 | 1.33 |
| 220D | Thickness | -78.6 psf | -91.8 psf | -121.3 psf | -165.6 psf | -159.4 psf | -159.4 psf | -185.2 psf | -144.7 psf | -144.7 psf | -165.6 psf |
| | 24 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. |
| 240D | Thickness | -93.6 psf | -109.3 psf | -144.5 psf | -197.2 psf | -189.8 psf | -189.8 psf | -220.6 psf | -172.3 psf | -172.3 psf | -197.2 psf |
| | 24 ga | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. | 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.

