

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 | -13.2 psf | -15.5 psf | -20.7 psf | -28.4 psf | -27.3 psf | -27.3 psf | -31.8 psf | -24.7 psf | -24.7 psf | -28.4 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| 110C | Thickness | -16.1 psf | -18.9 psf | -25.1 psf | -34.5 psf | -33.2 psf | -33.2 psf | -38.6 psf | -30.1 psf | -30.1 psf | -34.5 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 4.67 | 5.00 | 5.00 | 5.00 |
| 120C | Thickness | -19.3 psf | -22.6 psf | -30 psf | -41.2 psf | -39.6 psf | -39.6 psf | -46.1 psf | -35.9 psf | -35.9 psf | -41.2 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 4.33 | 4.67 | 4.67 | 4.00 | 5.00 | 5.00 | 4.33 |
| 130C | Thickness | -22.8 psf | -26.6 psf | -35.4 psf | -48.4 psf | -46.6 psf | -46.6 psf | -54.2 psf | -42.3 psf | -42.3 psf | -48.4 psf |
| | 24 ga | 5.00 | 5.00 | 5.00 | 3.67 | 4.00 | 4.00 | 3.33 | 4.33 | 4.33 | 3.67 |
| 140C | Thickness | -26.5 psf | -31 psf | -41.1 psf | -56.3 psf | -54.1 psf | -54.1 psf | -63 psf | -49.1 psf | -49.1 psf | -56.3 psf |
| | 24 ga | 5.00 | 5.00 | 4.33 | 3.00 | 3.33 | 3.33 | 2.33 | 3.67 | 3.67 | 3.00 |
| 150C | Thickness | -30.5 psf | -35.7 psf | -47.3 psf | -110.3 psf | -62.2 psf | -62.2 psf | -108.4 psf | -56.5 psf | -56.5 psf | -64.7 psf |
| | 24 ga | 5.00 | 5.00 | 4.00 | 2.33 | 2.67 | 2.67 | 2.33* | 3.00 | 3.00 | 2.33 |
| 160C | Thickness | -34.8 psf | -40.7 psf | -53.9 psf | -110.3 psf | -70.9 psf | -70.9 psf | -82.5 psf | -64.4 psf | -64.4 psf | -110.3 psf |
| | 24 ga | 5.00 | 4.33 | 3.33 | 2.33* | 4.00* | 3.00* | 2.33* | 2.33 | 2.33 | 2.33* |
| 170C | Thickness | -39.4 psf | -46 psf | -60.9 psf | -83.3 psf | -80.1 psf | -80.1 psf | -93.2 psf | -72.7 psf | -72.7 psf | -83.3 psf |
| | 24 ga | 4.67 | 4.00 | 2.33 | 2.00* | N.G. | N.G. | N.G. | N.G. | N.G. | N.G. |

Notes:

- Allowable spacing is based on a Design Pressures listed in the FBC 2023 Approval, FL10999.8, .9 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.
- 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.
- 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 S-5! Clamps are required at clip locations.

