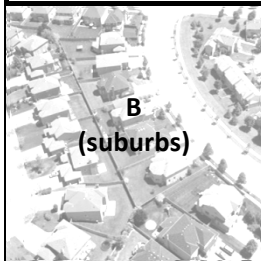




NEX®2 14ga (Aluminum) Maximum Spans (feet-inches)



Exposure	Basic Wind Speed	0 psf Snow*		20 psf Snow*		40 psf Snow*		60 psf Snow*		100 psf Snow*	
		Interior	Edge	Interior	Edge	Interior	Edge	Interior	Edge	Interior	Edge
 B (suburbs)	90 mph	9'-0"	9'-0"	6'-6"	6'-6"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	100 mph	9'-0"	9'-0"	6'-6"	6'-6"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	110 mph	9'-0"	8'-5"	6'-6"	6'-6"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	120 mph	9'-0"	7'-9"	6'-6"	6'-1"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	130 mph	8'-5"	7'-2"	6'-6"	5'-9"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	140 mph	7'-10"	5'-11"	6'-2"	5'-4"	5'-0"	4'-10"	3'-11"	3'-11"	2'-5"	2'-5"
	150 mph	7'-3"	5'-6"	5'-10"	5'-0"	5'-0"	4'-7"	3'-11"	3'-11"	2'-5"	2'-5"
 C (rural)	90 mph	9'-0"	8'-9"	6'-6"	6'-6"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	100 mph	9'-0"	7'-10"	6'-6"	6'-2"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	110 mph	8'-5"	7'-1"	6'-6"	5'-9"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	120 mph	7'-8"	5'-10"	6'-1"	5'-3"	5'-0"	4'-9"	3'-11"	3'-11"	2'-5"	2'-5"
	130 mph	7'-1"	5'-5"	5'-8"	4'-11"	5'-0"	4'-6"	3'-11"	3'-11"	2'-5"	2'-5"
	140 mph	5'-11"	5'-0"	5'-4"	4'-7"	4'-10"	4'-3"	3'-11"	3'-10"	2'-5"	2'-5"
	150 mph	5'-6"	4'-6"	5'-0"	4'-4"	4'-7"	4'-0"	3'-11"	3'-8"	2'-5"	2'-5"
 D (shoreline)	90 mph	9'-0"	8'-0"	6'-6"	6'-3"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	100 mph	8'-6"	7'-2"	6'-6"	5'-9"	5'-0"	5'-0"	3'-11"	3'-11"	2'-5"	2'-5"
	110 mph	7'-9"	5'-10"	6'-1"	5'-4"	5'-0"	4'-10"	3'-11"	3'-11"	2'-5"	2'-5"
	120 mph	7'-1"	5'-4"	5'-8"	4'-11"	5'-0"	4'-6"	3'-11"	3'-11"	2'-5"	2'-5"
	130 mph	5'-10"	4'-11"	5'-3"	4'-6"	4'-9"	4'-2"	3'-11"	3'-10"	2'-5"	2'-5"
	140 mph	5'-5"	4'-4"	4'-11"	4'-3"	4'-6"	3'-11"	3'-11"	3'-8"	2'-5"	2'-5"
	150 mph	5'-0"	3'-9"	4'-7"	3'-9"	4'-3"	3'-8"	3'-11"	3'-5"	2'-5"	2'-5"

Assumptions:

*Roof Snow Load listed, linear interpolation is permitted

**In most cases, edge zone is approximately 3 feet from ridge line and eaves

-PhotoVoltaic Module length is 72" or less

-Building height must be less than or equal to 30 feet

-Maximum cantilever is 2'-0"/1'-6"/0'-9", respectively

-Rail splices not permitted immediately over supports or within middle 1/3 of span

-For installations that do not conform to the assumptions listed above contact Zilla for a more complete engineering analysis.

Light Detailing = Low Basic Wind Speeds & Minimal Snow Loads

Medium Detailing = Moderate Basic Wind Speeds & Snow Loads

Heavy Detailing = Increased Basic Wind Speeds & High Snow Loads