

AEGIS PLUS[®]

WIND LOADING

Height (FT)	Rail Length	Post Size	Aegis Plus™ Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
4	6	2-1/2" x 12 GA.	127.8	264
		3" x 12 GA.	152.6	288
	8	2-1/2" x 12 GA.	93.2	225
		3" x 12 GA.	111.2	246
5	6	2-1/2" x 12 GA.	82.1	211
		3" x 12 GA.	98.0	231
	8	2-1/2" x 12 GA.	59.8	180
		3" x 12 GA.	71.3	197
6	6	2-1/2" x 12 GA.	57.1	176
		3" x 12 GA.	68.2	193
	8	2-1/2" x 12 GA.	41.5	150
		3" x 12 GA.	49.6	164
7	6	2-1/2" x 12 GA.	42.0	151
		3" x 12 GA.	50.0	165
	8	2-1/2" x 12 GA.	30.4	128
		3" x 12 GA.	36.3	140
8	6	2-1/2" x 12 GA.	32.2	132
		3" x 12 GA.	38.4	144
	8	2-1/2" x 12 GA.	23.4	113
		3" x 12 GA.	27.9	123
		4" x 10 GA.	36.8	141
9	6	4" x 10 GA.	N/A	113
10	6	4" x 10 GA.	N/A	107

Note: Mph calculated using ANSI/ASCE 7-98, "American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures" Exposure Category C (open terrain with scattered obstructions having lengths generally less than 30 feet). For wind loading applicable to a particular specification, consult the appropriate Building Code.