

FenceTrac Wind Load Capacity Chart

Post Size	Fence Height	Wind Speed (mph) ¹		Footings ^{2,3}	
		Exposure B	Exposure C	Exposure B	Exposure C
3"-12 ga	6'	127	115	12"φ x 36"	12"φ x 42"
	8'	90	81	18"φ x 36"	18"φ x 42"
4"-12 ga	6'	166	150	12"φ x 36"	12"φ x 42"
	8'	120	108	18"φ x 36"	18"φ x 42"
4"-11 ga	6'	173	157	12"φ x 36"	12"φ x 42"
	8'	130	117	18"φ x 36"	18"φ x 42"

Notes:

1. Wind speeds based on ASCE 7-05, with a span of 72" between posts.
2. Footing sizes based on 90 mph wind and an allowable average soil stress value, S_1 , of 1000 psf.
Footing sizes may vary due to site specific wind and soil conditions.
3. Footing designs based on Lateral Stability of Poles, Structural Engineering Handbook, Third Edition, chapter 7-40, eq. 32.



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