



Manufacturer of NEX[®] Sign & NEX[®] Mailbox Support Systems

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NEX[®] Sign Supports Wind Loads and NEX[®] Post Strengths

Sign Size (WxH)	Wind Load Moments (in lbs.)					
	60MPH	70MPH	80MPH	90MPH	100MPH	110MPH
**	12 lb/sq.ft	17 lb/sq.ft	22 lb/sq.ft	28 lb/sq.ft	35 lb/sq.ft	42 lb/sq.ft
12 x 18	3,036	4,130	5,402	6,827	8,429	10,205
12 x 36	5,579	7,590	9,928	12,546	15,491	18,755
18 x 24	5,130	6,980	9,130	11,538	14,246	17,248
24 x 24	6,395	8,700	11,380	14,381	17,757	21,498
24 x 30	8,070	10,980	14,362	18,150	22,410	27,132
24 x 36	9,886	13,450	17,593	22,233	27,451	33,235
24 x 48	13,855	18,850	24,656	31,159	38,473	46,578
30 x 30	9,673	13,160	17,213	21,753	26,860	32,518
36 x 36	13,847	18,840	24,643	31,143	38,452	46,554
48 x 24	10,613	14,440	18,888	23,869	29,472	35,681
48 x 30	13,377	18,200	23,806	30,085	37,146	44,972
48 x 36	16,295	22,170	28,998	36,674	45,249	54,782
48 x 48	25,152	34,220	44,760	56,566	69,843	84,558
48 x 60	33,141	45,090	58,978	74,534	92,029	111,417

Allowable Load (in lbs.)		
Post Size	Single Post	Double Post
2" 14ga	16,107	32,214
2" 12ga	17,490	34,980

Procedure:

- Determine wind load for sign size from first table
- Select NEX Tube size having an allowable load equal to or greater than required load

Notes:

- Wind load Moments are calculated at center point of sign
- **Calculated at seven feet from ground to bottom of sign
- * Includes 30% gust factor