

**STEEL SQUARE POLES**

Use ONLY with "Wind Speed Map for ASCE7-10"

**STEEL SQUARE POLES - ASCE7-10**

POLE	100 MPH	115 MPH	130 MPH	150 MPH	160 MPH	180 MPH	190 MPH	200 MPH	220 MPH	240 MPH
4" x 4" x 1/4"	12.5	15.3	16.2	8.8	8.9	8.8	4.9	4.1	3.8	B
4" x 4" x 3/8"	16.9	20.5	21.9	12.4	12.4	12.4	7.4	6.4	6.0	B
4" x 4" x 1/2"	21.1	25.7	27.6	15.4	15.4	15.4	9.7	8.4	7.9	B
4" x 4" x 5/8"	25.2	30.9	33.2	18.4	18.4	18.4	11.7	10.2	9.6	B
4" x 4" x 3/4"	29.3	36.1	38.9	21.4	21.4	21.4	13.7	11.9	11.2	B
4" x 4" x 7/8"	33.4	41.1	44.3	24.4	24.4	24.4	15.7	13.6	12.8	B
4" x 4" x 1"	37.5	46.2	49.9	27.4	27.4	27.4	17.7	15.3	14.4	B
4" x 4" x 1 1/8"	41.6	51.3	55.5	30.4	30.4	30.4	19.7	17.1	16.1	B
4" x 4" x 1 1/4"	45.7	56.4	61.1	33.4	33.4	33.4	21.7	18.9	17.8	B
4" x 4" x 1 1/2"	49.8	61.5	66.7	36.4	36.4	36.4	23.7	20.7	19.5	B
4" x 4" x 1 3/4"	53.9	66.6	72.3	39.4	39.4	39.4	25.7	22.5	21.3	B
4" x 4" x 2"	58.0	71.7	78.0	42.4	42.4	42.4	27.7	24.3	23.0	B
4" x 4" x 2 1/4"	62.1	76.8	83.6	45.4	45.4	45.4	29.7	26.2	24.8	B
4" x 4" x 2 1/2"	66.2	81.9	89.2	48.4	48.4	48.4	31.7	28.0	26.6	B
4" x 4" x 2 3/4"	70.3	87.0	94.9	51.4	51.4	51.4	33.7	29.8	28.3	B
4" x 4" x 3"	74.4	92.1	100.6	54.4	54.4	54.4	35.7	31.6	30.1	B
4" x 4" x 3 1/4"	78.5	97.2	106.3	57.4	57.4	57.4	37.7	33.4	31.8	B
4" x 4" x 3 1/2"	82.6	102.3	112.4	60.4	60.4	60.4	39.7	35.2	33.5	B
4" x 4" x 3 3/4"	86.7	107.4	118.5	63.4	63.4	63.4	41.7	37.0	35.3	B
4" x 4" x 4"	90.8	112.5	125.0	66.4	66.4	66.4	43.7	38.8	37.0	B
4" x 4" x 4 1/4"	94.9	117.6	131.5	69.4	69.4	69.4	45.7	40.6	38.8	B
4" x 4" x 4 1/2"	99.0	122.7	138.4	72.4	72.4	72.4	47.7	42.4	40.5	B
4" x 4" x 4 3/4"	103.1	127.8	145.3	75.4	75.4	75.4	49.7	44.2	42.4	B
4" x 4" x 5"	107.2	132.9	152.2	78.4	78.4	78.4	51.7	46.0	44.3	B
4" x 4" x 5 1/4"	111.3	138.0	159.6	81.4	81.4	81.4	53.7	47.8	46.1	B
4" x 4" x 5 1/2"	115.4	143.1	167.0	84.4	84.4	84.4	55.7	49.6	47.9	B
4" x 4" x 5 3/4"	119.5	148.2	174.9	87.4	87.4	87.4	57.7	51.4	49.7	B
4" x 4" x 6"	123.6	153.3	182.8	90.4	90.4	90.4	59.7	53.2	51.4	B
4" x 4" x 6 1/4"	127.7	158.4	191.2	93.4	93.4	93.4	61.7	55.0	53.2	B
4" x 4" x 6 1/2"	131.8	163.5	199.6	96.4	96.4	96.4	63.7	56.8	55.0	B
4" x 4" x 6 3/4"	135.9	168.6	208.0	99.4	99.4	99.4	65.7	58.6	56.8	B
4" x 4" x 7"	140.0	173.7	216.4	102.4	102.4	102.4	67.7	60.4	58.6	B
4" x 4" x 7 1/4"	144.1	178.8	225.3	105.4	105.4	105.4	69.7	62.2	60.4	B
4" x 4" x 7 1/2"	148.2	183.9	234.2	108.4	108.4	108.4	71.7	64.0	62.2	B
4" x 4" x 7 3/4"	152.3	189.0	243.6	111.4	111.4	111.4	73.7	65.8	64.0	B
4" x 4" x 8"	156.4	194.1	253.0	114.4	114.4	114.4	75.7	67.6	65.8	B
4" x 4" x 8 1/4"	160.5	199.2	262.4	117.4	117.4	117.4	77.7	69.4	67.6	B
4" x 4" x 8 1/2"	164.6	204.3	272.3	120.4	120.4	120.4	79.7	71.2	69.4	B
4" x 4" x 8 3/4"	168.7	209.4	282.2	123.4	123.4	123.4	81.7	73.0	71.2	B
4" x 4" x 9"	172.8	214.5	292.6	126.4	126.4	126.4	83.7	74.8	73.0	B
4" x 4" x 9 1/4"	176.9	219.6	303.0	129.4	129.4	129.4	85.7	76.6	74.8	B
4" x 4" x 9 1/2"	181.0	224.7	313.4	132.4	132.4	132.4	87.7	78.4	76.6	B
4" x 4" x 9 3/4"	185.1	229.8	324.3	135.4	135.4	135.4	89.7	80.2	78.4	B
4" x 4" x 10"	189.2	234.9	335.2	138.4	138.4	138.4	91.7	82.0	80.2	B
4" x 4" x 10 1/4"	193.3	240.0	346.6	141.4	141.4	141.4	93.7	83.8	82.0	B
4" x 4" x 10 1/2"	197.4	245.1	358.0	144.4	144.4	144.4	95.7	85.6	83.8	B
4" x 4" x 10 3/4"	201.5	250.2	369.4	147.4	147.4	147.4	97.7	87.4	85.6	B
4" x 4" x 11"	205.6	255.3	381.3	150.4	150.4	150.4	99.7	89.2	87.4	B
4" x 4" x 11 1/4"	209.7	260.4	393.2	153.4	153.4	153.4	101.7	91.0	89.2	B
4" x 4" x 11 1/2"	213.8	265.5	405.6	156.4	156.4	156.4	103.7	92.8	91.0	B
4" x 4" x 11 3/4"	217.9	270.6	418.0	159.4	159.4	159.4	105.7	94.6	92.8	B
4" x 4" x 12"	222.0	275.7	430.9	162.4	162.4	162.4	107.7	96.4	94.6	B
4" x 4" x 12 1/4"	226.1	280.8	444.3	165.4	165.4	165.4	109.7	98.2	96.4	B
4" x 4" x 12 1/2"	230.2	285.9	457.7	168.4	168.4	168.4	111.7	100.0	98.2	B
4" x 4" x 12 3/4"	234.3	291.0	471.1	171.4	171.4	171.4	113.7	101.8	100.0	B
4" x 4" x 13"	238.4	296.1	485.0	174.4	174.4	174.4	115.7	103.6	101.8	B
4" x 4" x 13 1/4"	242.5	301.2	498.4	177.4	177.4	177.4	117.7	105.4	103.6	B
4" x 4" x 13 1/2"	246.6	306.3	512.8	180.4	180.4	180.4	119.7	107.2	105.4	B
4" x 4" x 13 3/4"	250.7	311.4	527.2	183.4	183.4	183.4	121.7	109.0	107.2	B
4" x 4" x 14"	254.8	316.5	542.1	186.4	186.4	186.4	123.7	110.8	109.0	B
4" x 4" x 14 1/4"	258.9	321.6	557.0	189.4	189.4	189.4	125.7	112.6	110.8	B
4" x 4" x 14 1/2"	263.0	326.7	572.4	192.4	192.4	192.4	127.7	114.4	112.6	B
4" x 4" x 14 3/4"	267.1	331.8	587.8	195.4	195.4	195.4	129.7	116.2	114.4	B
4" x 4" x 15"	271.2	336.9	603.7	198.4	198.4	198.4	131.7	118.0	116.2	B
4" x 4" x 15 1/4"	275.3	342.0	619.6	201.4	201.4	201.4	133.7	119.8	118.0	B
4" x 4" x 15 1/2"	279.4	347.1	636.0	204.4	204.4	204.4	135.7	121.6	119.8	B
4" x 4" x 15 3/4"	283.5	352.2	652.4	207.4	207.4	207.4	137.7	123.4	121.6	B
4" x 4" x 16"	287.6	357.3	669.3	210.4	210.4	210.4	139.7	125.2	123.4	B
4" x 4" x 16 1/4"	291.7	362.4	686.7	213.4	213.4	213.4	141.7	127.0	125.2	B
4" x 4" x 16 1/2"	295.8	367.5	704.6	216.4	216.4	216.4	143.7	128.8	127.0	B
4" x 4" x 16 3/4"	299.9	372.6	723.0	219.4	219.4	219.4	145.7	130.6	128.8	B
4" x 4" x 17"	304.0	377.7	741.9	222.4	222.4	222.4	147.7	132.4	130.6	B
4" x 4" x 17 1/4"	308.1	382.8	761.3	225.4	225.4	225.4	149.7	134.2	132.4	B
4" x 4" x 17 1/2"	312.2	387.9	781.2	228.4	228.4	228.4	151.7	136.0	134.2	B
4" x 4" x 17 3/4"	316.3	393.0	801.6	231.4	231.4	231.4	153.7	137.8	136.0	B
4" x 4" x 18"	320.4	398.1	822.5	234.4	234.4	234.4	155.7	139.6	137.8	B
4" x 4" x 18 1/4"	324.5	403.2	843.9	237.4	237.4	237.4	157.7	141.4	139.6	B
4" x 4" x 18 1/2"	328.6	408.3	865.8	240.4	240.4	240.4	159.7	143.2	141.4	B
4" x 4" x 18 3/4"	332.7	413.4	888.2	243.4	243.4	243.4	161.7	145.0	143.2	B
4" x 4" x 19"	336.8	418.5	911.1	246.4	246.4	246.4	163.7	146.8	145.0	B
4" x 4" x 19 1/4"	340.9	423.6	934.5	249.4	249.4	249.4	165.7	148.6	146.8	B
4" x 4" x 19 1/2"	345.0	428.7	958.4	252.4	252.4	252.4	167.7	150.4	148.6	B
4" x 4" x 19 3/4"	349.1	433.8	982.8	255.4	255.4	255.4	169.7	152.2	150.4	B
4" x 4" x 20"	353.2	438.9	1007.7	258.4	258.4	258.4	171.7	154.0	152.2	B
4" x 4" x 20 1/4"	357.3	444.0	1033.1	261.4	261.4	261.4	173.7	155.8	154.0	B
4" x 4" x 20 1/2"	361.4	449.1	1059.0	264.4	264.4	264.4	175.7	157.6	155.8	B
4" x 4" x 20 3/4"	365.5	454.2	1085.4	267.4	267.4	267.4	177.7	159.4	157.6	B
4" x 4" x 21"	369.6	459.3	1112.3	270.4	270.4	270.4	179.7	161.2	159.4	B
4" x 4" x 21 1/4"	373.7	464.4	1139.7	273.4	273.4	273.4	181.7	163.0	161.2	B
4" x 4" x 21 1/2"	377.8	469.5	1167.6	276.4	276.4	276.4	183.7	164.8	163.0	B
4" x 4" x 21 3/4"	381.9	474.6	1196.0	279.4	279.4	279.4	185.7	166.6	164.8	B
4" x 4" x 22"	386.0	479.7	1224.9	282.4	282.4	282.4	187.7	168.4	166.6	B
4" x 4" x 22 1/4"	390.1	484.8	1254.3	285.4	285.4	285.4	189.7	170.2	168.4	B
4" x 4" x 22 1/2"	394.2	489.9	1284.2	288.4	288.4	288.4	191.7	172.0	170.2	B
4" x 4" x 22 3/4"	398.3	495.0	1314.6	291.4	291.4	291.4	193.7	173.8	172.0	B
4" x 4" x 23"	402.4	500.1								