

STEEL SQUARE POLES

Use ONLY with Wind Speed Map for ASCE7-10

POLE	150 MPH	120 MPH	100 MPH	80 MPH	60 MPH	40 MPH	20 MPH	10 MPH	5 MPH	100 MPH	120 MPH	150 MPH
2" x 2" x 1/8"	12.5	17.5	22.5	27.5	32.5	37.5	42.5	47.5	52.5	5.5	6.5	7.5
2" x 2" x 1/4"	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	6.5	7.5	8.5
2" x 2" x 3/8"	17.5	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	7.5	8.5	9.5
2" x 2" x 1/2"	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	9.5	10.5	11.5
2" x 2" x 5/8"	22.5	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5	11.5	12.5	13.5
2" x 2" x 3/4"	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	13.5	14.5	15.5
2" x 2" x 7/8"	27.5	32.5	37.5	42.5	47.5	52.5	57.5	62.5	67.5	15.5	16.5	17.5
2" x 2" x 1"	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	17.5	18.5	19.5
2" x 2" x 1 1/8"	32.5	37.5	42.5	47.5	52.5	57.5	62.5	67.5	72.5	19.5	20.5	21.5
2" x 2" x 1 1/4"	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	21.5	22.5	23.5
2" x 2" x 1 1/2"	37.5	42.5	47.5	52.5	57.5	62.5	67.5	72.5	77.5	23.5	24.5	25.5
2" x 2" x 1 3/4"	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	25.5	26.5	27.5
2" x 2" x 2"	42.5	47.5	52.5	57.5	62.5	67.5	72.5	77.5	82.5	27.5	28.5	29.5
2" x 2" x 2 1/8"	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	29.5	30.5	31.5
2" x 2" x 2 1/4"	47.5	52.5	57.5	62.5	67.5	72.5	77.5	82.5	87.5	31.5	32.5	33.5
2" x 2" x 2 1/2"	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	33.5	34.5	35.5
2" x 2" x 2 3/4"	52.5	57.5	62.5	67.5	72.5	77.5	82.5	87.5	92.5	35.5	36.5	37.5
2" x 2" x 3"	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	37.5	38.5	39.5
2" x 2" x 3 1/8"	57.5	62.5	67.5	72.5	77.5	82.5	87.5	92.5	97.5	39.5	40.5	41.5
2" x 2" x 3 1/4"	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	41.5	42.5	43.5
2" x 2" x 3 1/2"	62.5	67.5	72.5	77.5	82.5	87.5	92.5	97.5	102.5	43.5	44.5	45.5
2" x 2" x 3 3/4"	65.0	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	45.5	46.5	47.5
2" x 2" x 4"	67.5	72.5	77.5	82.5	87.5	92.5	97.5	102.5	107.5	47.5	48.5	49.5
2" x 2" x 4 1/8"	70.0	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	49.5	50.5	51.5
2" x 2" x 4 1/4"	72.5	77.5	82.5	87.5	92.5	97.5	102.5	107.5	112.5	51.5	52.5	53.5
2" x 2" x 4 1/2"	75.0	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	53.5	54.5	55.5
2" x 2" x 4 3/4"	77.5	82.5	87.5	92.5	97.5	102.5	107.5	112.5	117.5	55.5	56.5	57.5
2" x 2" x 5"	80.0	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	57.5	58.5	59.5
2" x 2" x 5 1/8"	82.5	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5	59.5	60.5	61.5
2" x 2" x 5 1/4"	85.0	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	61.5	62.5	63.5
2" x 2" x 5 1/2"	87.5	92.5	97.5	102.5	107.5	112.5	117.5	122.5	127.5	63.5	64.5	65.5
2" x 2" x 5 3/4"	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	65.5	66.5	67.5
2" x 2" x 6"	92.5	97.5	102.5	107.5	112.5	117.5	122.5	127.5	132.5	67.5	68.5	69.5
2" x 2" x 6 1/8"	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	69.5	70.5	71.5
2" x 2" x 6 1/4"	97.5	102.5	107.5	112.5	117.5	122.5	127.5	132.5	137.5	71.5	72.5	73.5
2" x 2" x 6 1/2"	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	73.5	74.5	75.5
2" x 2" x 6 3/4"	102.5	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	75.5	76.5	77.5
2" x 2" x 7"	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	77.5	78.5	79.5
2" x 2" x 7 1/8"	107.5	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	79.5	80.5	81.5
2" x 2" x 7 1/4"	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	81.5	82.5	83.5
2" x 2" x 7 1/2"	112.5	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	83.5	84.5	85.5
2" x 2" x 7 3/4"	115.0	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	85.5	86.5	87.5
2" x 2" x 8"	117.5	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	87.5	88.5	89.5
2" x 2" x 8 1/8"	120.0	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	89.5	90.5	91.5
2" x 2" x 8 1/4"	122.5	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	91.5	92.5	93.5
2" x 2" x 8 1/2"	125.0	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	93.5	94.5	95.5
2" x 2" x 8 3/4"	127.5	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	95.5	96.5	97.5
2" x 2" x 9"	130.0	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	97.5	98.5	99.5
2" x 2" x 9 1/8"	132.5	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	99.5	100.5	101.5
2" x 2" x 9 1/4"	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	101.5	102.5	103.5
2" x 2" x 9 1/2"	137.5	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	103.5	104.5	105.5
2" x 2" x 9 3/4"	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	105.5	106.5	107.5
2" x 2" x 10"	142.5	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	107.5	108.5	109.5
2" x 2" x 10 1/8"	145.0	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	109.5	110.5	111.5
2" x 2" x 10 1/4"	147.5	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	111.5	112.5	113.5
2" x 2" x 10 1/2"	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	113.5	114.5	115.5
2" x 2" x 10 3/4"	152.5	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	115.5	116.5	117.5
2" x 2" x 11"	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	117.5	118.5	119.5
2" x 2" x 11 1/8"	157.5	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	119.5	120.5	121.5
2" x 2" x 11 1/4"	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0	121.5	122.5	123.5
2" x 2" x 11 1/2"	162.5	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	123.5	124.5	125.5
2" x 2" x 11 3/4"	165.0	170.0	175.0	180.0	185.0	190.0	195.0	200.0	205.0	125.5	126.5	127.5
2" x 2" x 12"	167.5	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	127.5	128.5	129.5
2" x 2" x 12 1/8"	170.0	175.0	180.0	185.0	190.0	195.0	200.0	205.0	210.0	129.5	130.5	131.5
2" x 2" x 12 1/4"	172.5	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	131.5	132.5	133.5
2" x 2" x 12 1/2"	175.0	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0	133.5	134.5	135.5
2" x 2" x 12 3/4"	177.5	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	135.5	136.5	137.5
2" x 2" x 13"	180.0	185.0	190.0	195.0	200.0	205.0	210.0	215.0	220.0	137.5	138.5	139.5
2" x 2" x 13 1/8"	182.5	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	139.5	140.5	141.5
2" x 2" x 13 1/4"	185.0	190.0	195.0	200.0	205.0	210.0	215.0	220.0	225.0	141.5	142.5	143.5
2" x 2" x 13 1/2"	187.5	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	143.5	144.5	145.5
2" x 2" x 13 3/4"	190.0	195.0	200.0	205.0	210.0	215.0	220.0	225.0	230.0	145.5	146.5	147.5
2" x 2" x 14"	192.5	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	147.5	148.5	149.5
2" x 2" x 14 1/8"	195.0	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	149.5	150.5	151.5
2" x 2" x 14 1/4"	197.5	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	151.5	152.5	153.5
2" x 2" x 14 1/2"	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	153.5	154.5	155.5
2" x 2" x 14 3/4"	202.5	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	155.5	156.5	157.5
2" x 2" x 15"	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0	157.5	158.5	159.5
2" x 2" x 15 1/8"	207.5	212.5	217.5	222.5	227.5	232.5	237.5	242.5	247.5	159.5	160.5	161.5
2" x 2" x 15 1/4"	210.0	215.0	220.0	225.0	230.0							