

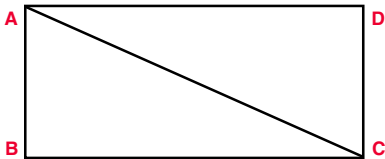
Pole Tent Layout Matrix

SQUARE YOUR TENT!

The numbers within the matrix are stated in measurements of feet and inches. They represent the exact diagonal measurement required to square a rectangular tent as chosen by the width and length.

Here's how to use this chart in the field.

- STEP 1.** Locate the corners of one end of the tent site, corners A and B.
- STEP 2.** Secure the end of one tape measure exactly at Point A (Tape A) and the end of another tape measure at Point B (Tape B).
- STEP 3.** Using the matrix, determine the diagonal (where the desired width column and length row intersect). Use Tape A for the diagonal measurement and Tape B for
- STEP 3 cont.** the desired length. Point C is located where the diagonal measurement (Tape A) and the length (Tape B) intersect. Next use Tape B as the diagonal measurement and Tape A as the length. Point D is located where the diagonal measurement (Tape B) and the length (Tape A) intersect.
- STEP 4.** Check the distance between C and D to make sure it meets the desired width.





Pole Tent Layout Matrix

WIDTH OF TENT

	20'	30'	40'	50'	60'	70'	80'	90'	100'
	DIAGONAL MEASUREMENTS								
20'	28-3	36-1	44-9	53-10	63-3	72-10	82-6	92-2	102-0
30'	36-1	42-5	50-0	58-4	67-1	76-2	85-5	94-10	104-5
40'	44-9	50-0	56-7	64-0	72-1	80-7	89-5	98-6	107-8
45'	49-3	54-1	60-3	67-3	75-0	83-3	91-9	100-7	109-8
50'	53-10	58-4	64-0	70-9	78-1	86-0	94-4	102-11	111-10
60'	63-3	67-1	72-1	78-1	84-10	92-2	100-0	108-2	116-7
70'	72-10	76-2	80-7	86-0	92-2	98-6	106-4	114-0	122-1
75'	77-7	80-9	85-0	90-2	96-0	102-7	109-8	117-2	125-0
80'	82-6	85-5	89-5	94-4	100-0	106-4	113-2	120-5	128-1
90'	92-2	94-10	98-6	102-11	108-2	114-0	120-5	127-3	134-6
100'	102-0	104-5	107-8	111-10	116-7	122-1	128-1	134-6	141-5
110'	111-10	114-0	117-1	120-10	125-4	130-5	136-0	142-2	148-8
120'	121-8	123-8	126-6	130-0	134-2	138-11	144-3	150-0	156-2
130'	131-6	133-5	136-0	139-3	143-2	147-8	152-8	158-1	164-0
140'	141-5	143-2	145-7	148-8	152-4	156-6	161-3	166-5	172-0
150'	151-4	153-0	155-3	158-1	161-7	165-6	170-0	174-11	180-3
160'	161-3	162-9	164-11	167-7	170-11	174-8	178-11	183-6	188-8
170'	171-2	172-8	174-8	177-2	180-3	183-10	187-11	192-4	197-3
180'	181-1	182-6	184-5	186-10	189-9	193-2	197-0	202-3	205-11
190'	191-1	192-4	194-2	196-6	199-3	202-6	206-2	210-3	214-9
200'	201-0	202-3	204-0	206-2	208-10	211-11	215-5	219-4	223-7
210'	211-0	212-2	213-9	215-10	218-5	221-4	224-8	228-6	232-7
220'	221-0	222-0	223-7	225-7	228-0	230-10	234-1	237-8	241-8

NUMBERS IN MATRIX ARE STATED AS FEET AND INCHES