

MATRA MATRIX

Pole Tent Layout & Squaring Matrix

	WIDTH								
	20'	30'	40'	50'	60'	70'	80'	90'	100'
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	60-2	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	99-0	106-4	114-0	122-1
75'	77-7	80-9	85-0	90-2	96-1	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	172-1
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	167-8	170-11	174-8	178-11	183-7	188-8

HOW TO SQUARE A POLE TENT

Diagonal measurements on back shown in feet & inches

- 1) Lay out tape measures for the tent's length and width and mark points A, B, and C.
- 2) Check the required diagonal on the chart.
- 3) Measure from A to C and adjust until the diagonal matches; mark the points.
- 4) Measure from A to D and C to D. If both match the tent dimensions, the tent is square.
- 5) Install stakes per manufacturer requirements.



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