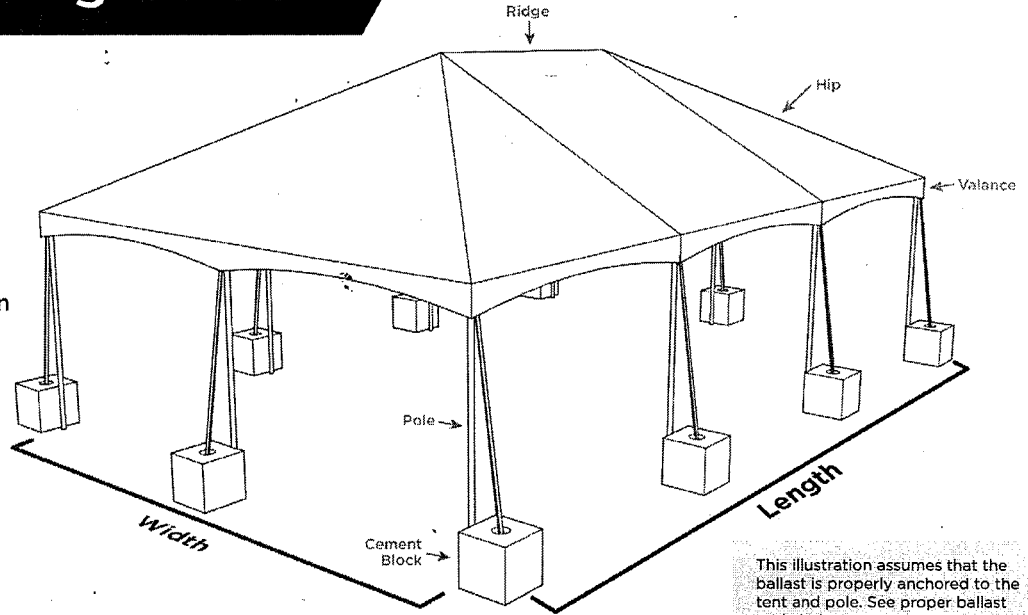


# Section I: Ballasting Guides

## Hip End Tent

### Assumptions:

- Partially exposed wind condition
- 50mph wind rating
- Fixed to pole ballast configuration
- 8' eave height
- 1' valance height
- Ballast type - concrete blocks
- Ground surface - asphalt



This illustration assumes that the ballast is properly anchored to the tent and pole. See proper ballast table below.

### OPEN - NO SIDEWALLS

IMPORTANT NOTE: The weight shown in each box below is per tent leg.

		LENGTH						
		10'	20'	30'	40'	45'	50'	60'
WIDTH	10'	213	333	329	334		337	339
	20'		367	510	522		554	550
	30'			756	912	1,009	897	889 (10' mid) 1,055 (15' mid)
	40'				1,282		1,427	1,359 (10' mid) 1,673 (15' mid)
	50'						995	1,157

Calculations shown are minimum ballasting requirements. If your specifications differ from the criteria above, you may need additional engineering and/or calculations. Refer to the Non-Engineered Ballasting Tool for other surface calculations, such as grass.

### ENCLOSED

IMPORTANT NOTE: The weight shown in each box below is per tent leg.

		LENGTH						
		10'	20'	30'	40'	45'	50'	60'
WIDTH	10'	675	850	882	915		936	952
	20'		871	1,056	1,103		1,146	1,177
	30'			1,535	1,639	1,834	1,639	1,640 (10' mid) 1,954 (15' mid)
	40'				2,386		2,415	2,319 (10' mid) 2,865 (20' mid)
	50'						1,883	1,888

Calculations shown are minimum ballasting requirements. If your specifications differ from the criteria above, you may need additional engineering and/or calculations. Refer to the Non-Engineered Ballasting Tool for other surface calculations, such as grass.

The difficulty in producing one measurement for each size tent is compounded by the fact that a tent renter can install a 30'x60' Frame tent with either 10' spacing on the length (14 uprights/poles) or 15' spacing on the length (12 uprights/poles).