

# TFD Tent Anchoring Requirements



Tucson Fire Department  
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**Tents having an area in excess of 400 sf. (with any side panels), or any tent in excess of 700 sf. (without any side panels) shall not be erected, operated, or maintained for any purpose without first obtaining a TFD permit and approval from the fire code official.**

- **Any** tent in excess of 400 square feet is required to have double stakes or approved barrels at all outside corners.
- Tents which are grouped together or do not have a minimum 12' clearance from other tents shall require permits as well if the congregate square footage is 700 sf or greater.
- **All** posts shall have some form of anchoring to prevent walking.
- **All** tents are required to be *adequately anchored* to prevent collapse or movement, regardless of size. This includes small pop-ups.

**Tents which do not have adequate anchoring shall be removed from service by the fire inspector.**

## **ANCHORING (min. requirement):**

One stake = 1,000 lbs. of anchoring.

One filled 55 gallon drum with a ½" rubber mat = 500 lbs. of anchoring

## **CALCULATION (Any tent 400 square feet or greater)**

**Tent square footage X 9 = lbs. of anchoring required.**

**Example: 3200 square foot tent X 9 = 28,800 lbs.**

**Thus: 28,800 = 29 stakes**

**or 58 barrels**

**(or an approved combination of both)**