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TENT AND CANOPY SAFETY RECOMMENDATIONS



Most accidents at events involve windblown tents and canopies. Most canopies and tents can withstand a gentle to moderate breeze, if anchored properly. Without proper anchoring, the tents and canopies could fly with just a gust of wind. All vendors and the general public who bring their own canopy to the event shall secure the canopy in one of two ways: the first way is to use manufacture anchors that drill into the ground (See examples 1 & 2), or with weights (See examples 3 & 4).

Tent weights can be used in any situation and on any surface. However, they are heavy, weighing about 25 lbs per weight and shall be secured by a minimum of one weight per leg. The rope or chain shall be 300 lb test, tied to the location determined by the manufacture, and weights shall be installed as per the manufactures recommendations.

Note: All tents and canopies shall be taken down when the wind speed exceeds 15 mph winds.

Example 1



Example 2



Example 3



Example 4



Homemade weights are only a suggestion. Contact the canopy manufacture for approved canopy anchoring and acceptability of homemade weights.

Although not recommended, if homemade weights are to be used, an example of a weight, housing unit, and instructions to construct one that will give you 25 lbs. are listed below.

1. Each weight will consist of a 4-inch PVC pipe that is 24-inches long.
2. 2 – 4-inch end caps
3. 1 – 6-inch eye bolt, 3/8-inch thread with 2 nuts
4. 1 bag of quickcrete or equivent

Using PVC cleaner and glue, glue on one end cap to the PVC pipe and let dry. Drill a hole the same diameter as the eye bolt shaft in the center of the other end cap. Fill the PVC pipe with concrete to the top of the pipe. Insert the eye cap with the bolt until only the eye is showing. Let dry for several days. Repeat for the other anchors. A hole may be placed in the lower cap to remove excess water and accellrate drying of the concrete within the tube.

Homemade weights shall be mounted at the base as shown in the pictures.



Cooking of food in tents and canopies

The City of Prescott has adopted the 2006 International Fire Code, which does not allow cooking of food within a tent, canopy, or membrane structure.

Section 2404.7 Open or exposed flame. Open flame or other devices emitting flame, fire or heat or any flammable or combustible liquids, gas, charcoal or other cooking device or any other unapproved device shall not be permitted inside or located within 20 feet of the tent, canopy or membrane structure while open to the public unless approved by the fire code official.

Exception: unless the tent, canopy or membrane structure is certified to be flame retardant and the certification is sewn into the fabric and then shall be approved by the code official.