

Safety Requirements for Canopies/Tents



Most accidents at events involve canopies. It is your responsibility to minimize the risk. Your canopy shall be fully secured prior to set up of merchandise and remain fully secured until merchandise is removed. Don't be interrupted or distracted during this process, as a half-secured canopy can be very dangerous. Setup and breakdown are consistently when canopies prove to be most vulnerable to the wind.

Flame resistance:

Tents must meet one of the following standards:

- CPAI-84
- NFPA-701
- California State Fire Marshal, Title 19, Subchapter 1, Article 4 section 332 (a) (2)
- CAN/ULC-S109 National Standard of Canada, Flame Tests of Flame-Resistant Fabrics and Film

Fire Extinguishers:

- Any vendors cooking shall have a minimum 5lbs ABC (3A:40 B:C) fire extinguisher.
- Deep-fry cooking operations are additionally required to have a Class K wet chemical fire extinguisher.
- Cooking operations utilizing solid fuels are additionally required to have 2-A rated water type fire extinguisher or Class K wet chemical fire extinguisher.

Cooking Operations:

- Operations such as warming of foods, cooking demonstrations and similar operations that use solid flammables, butane, electrical or similar devices shall be approved by the Fire Department.
- Outdoor cooking that produces sparks or grease-laden vapors shall not be performed within 20 feet from a tent or membrane structure.
- Tents, with sidewalls or drops, where cooking is performed shall be separated from other tents or membrane structures by a minimum of 20 feet.

Electrical:

- Electrical cords, conductors, junction boxes and distribution panels shall be of an approved and listed type, used in the listed manner, free of damage and appropriately sized for the application.
- Cords should have the proper plug ends and be located to prevent damage.
- Bridging may be necessary in areas where cords are located in foot paths.
- Cords and connectors shall be protected from water and other environmental issues.
- Multi-plug adapters, such as cube adapters and unfused plug strips, are prohibited.
- All extension cords are to be approved for outdoor use.
- Temporary lighting suspended from the electrical conductors is not permitted unless designed to do so. Otherwise, a support wire shall be attached to the wiring of the lighting to insure its stability.

Approved Canopy Weights

**** EACH LEG OF THE TENT MUST BE SECURED WITH A MINIMUM OF 25 LBS****

****Weights shall be securely attached to each leg of the tent or tied to the tent frame****

Below are some examples of approved products/methods for securing your canopy. Please ensure your method of securing canopy to the ground does not create additional hazard.



Canopy Weight Discs

NOTE: This style weight may require up to **5 Discs per leg** to meet the 25lb per leg minimum



PVC pipe filled with cement and secured to roof and canopy legs. To create a 25 lb. weight using PVC pipe:

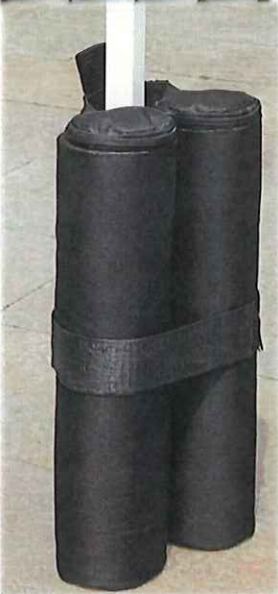
3" pipe – use 3'6" Length of Pipe

4" pipe – use 2'0" Length of Pipe

6" pipe – use 10" Length of Pipe

8" pipe – use 6" Length of Pipe

DIY instructions are available online to create approved PVC pipe weights.



Canopy Sand Bags

Canopy Sand Bags can be filled with sand, rocks or dirt to create a 25 lb. weight and include Velcro straps and sewn-in grommet for securing to your canopy.



Cement Buckets

Large buckets (2 gallon or larger) with 1.5 gallons of cement per leg
DIY instructions are available online to create approved cement buckets.



5 Gallon Water Jugs

With a molded handle to allow for tying water jug to canopy frame.

NON-Approved Canopy Weights



*Alternative materials and methods may be approved on a case-by-case basis. Requests must be submitted to the Fire Department at least one week in advance. Contact: Fire Marshal Mark Crumley at mcrumley@medinaoh.org