



Standard Practice for Labeling of Recreational Camping Tents and Bivouac Sacks¹

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1. Scope

1.1 This practice establishes requirements for warnings and other information that shall be permanently affixed to recreational camping tents and bivouac sacks.

1.2 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*²

F3431 Specification for Determining Flammability of Materials for Recreational Camping Tents and Warning Labels for Associated Hazards

2.2 *ANSI Standard:*³

ANSI Z535.4 Product Safety Signs and Labels

2.3 *CPIA Standard:*⁴

CPIA-84 Specification for Flame-Resistant Materials Used in Camping Tentage

3. Terminology

3.1 *Definitions:*

3.1.1 *bivouac sack, n*—lightweight waterproof bag that covers one or more sleeping bags.

3.1.2 *bivy sack, n*—also known as *bivouac sack*.

3.1.3 *camping appliance, n*—device typically used to cook or heat and powered by a combustible gas, liquid, or solid fuel.

¹ This practice is under the jurisdiction of ASTM Committee F08 on Sports Equipment, Playing Surfaces, and Facilities and is the direct responsibility of Subcommittee F08.22 on Camping Softgoods.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

³ Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036.

⁴ Available from Industrial Fabrics Association International (IFAI), 345 Cedar St., Suite 800, St. Paul, MN 55101-1088.

3.1.4 *tent, n*—portable temporary shelter made primarily of fabric and other pliable materials designed to protect people from outdoor environmental elements.

4. Significance and Use

4.1 These warnings are intended as preventive measures against the most commonly reported hazards of which the subcommittee is aware.

4.2 A permanent warning label shall be affixed to all tents and to all bivouac sacks. The label shall be designed to be legible, clearly visible and unobstructed throughout the life of the tent.

4.3 Whether the warning statements in Fig. 1A or those in Fig. 1B are to be used for a tent will depend on whether the tent is marketed as acceptable for the use of camping appliances within them and shall be determined by a review of publicly available marketing materials, images and the manufacturer's written instructions and user manual.

5. Procedure

5.1 The size and format of the warning label shall be large enough so that the font and images are drafted in accordance with ANSI Z535.4.


5.2 The warning label shall be sewn into the tent or bivy sack close to an entrance where the user will easily see it.

5.3 Example labels including the warning statements that shall be addressed are shown in the figures below.

5.4 Warning statements and graphics that convey the same meaning as the warning statements and graphics in Fig. 1A, Fig. 1B, and Fig. 2 are acceptable for use. It is also acceptable for individual manufacturers to use additional warning statements and graphics, provided that the warning statements and graphics in Fig. 1A, Fig. 1B and Fig. 2 are not minimized in size or prominence to accommodate such additional warning statements and graphics.

6. Tent Label

6.1 Tents which are not marketed as acceptable for the use of camping appliances within them shall include a warning label that addresses the warning statements in Fig. 1A.






WARNING

KEEP ALL FLAME AND HEAT SOURCES AWAY FROM THIS TENT FABRIC

This tent is not fireproof. The fabric will burn if left in continuous contact with any flame source. The application of any foreign substance to the tent fabric may create a safety hazard.

DO NOT OPERATE ANY DEVICE WHICH BURNS FUEL INSIDE THIS TENT

Combustion produces carbon monoxide which can kill you in minutes. Carbon monoxide is a poison you cannot see or smell.

<p>NO FIRE</p> 	<p>NEVER place your stove, campfire, or any other flame source in or near your tent. NEVER use, light, or refuel a stove, lantern, heater or other heat source inside your tent. NEVER store flammable liquids in a tent. NEVER use candles, matches or other open flames in or near a tent. NEVER smoke in a tent. Keep exits clear. Death and/or serious burns are possible.</p>
<p>VENTILATION</p> 	<p>Maintain adequate ventilation inside your tent at all times. Death by suffocation is possible.</p>
<p>ANCHOR</p> 	<p>Carefully consider the possibility of falling rocks or tree limbs, lightning strikes, flash floods, avalanches, strong winds, and other objective hazards when choosing a campsite to reduce the risk of loss or injury to the tent or occupants.</p> <p>Anchor your tent properly at all times to reduce the risk of loss or injury to the tent or occupants.</p>

This tent meets the flammability requirements of ASTM F3431.

Please consult your owner’s manual for additional information. If you do not understand any part of this warning, contact (INSERT COMPANY NAME) at (INSERT COMPANY PHONE # OR COMPANY EMAIL HERE) before using tent.


FIG. 1 A Label for Tents for Use Without Camping Appliances (Ref: Specification F3431)

6.2 Tents which are marketed as acceptable for the use of camping appliances within them shall include a warning label that addresses the warning statements Fig. 1B.

7. Bivouac Sack Label

7.1 Bivouac sacks shall include a label that addresses the warning statements in Fig. 2.

7.2 As bivouac sacks have the potential to present unique design characteristics, it is feasible that Fig. 2 will need to be modified appropriately to reflect size and other characteristics of the bivy sack. Space permitting, it is acceptable to use the warnings from Fig. 1 or a combination of the warnings from Fig. 1 and Fig. 2 by adapting them and affixing them to the bivouac sack as set forth in this standard.






WARNING

KEEP ALL FLAME AND HEAT SOURCES AWAY FROM THIS TENT FABRIC

This tent is not fireproof. The fabric will burn if left in continuous contact with any flame source. The application of any foreign substance to the tent fabric may create a safety hazard.

EXERCISE EXTREME CAUTION IF OPERATING ANY DEVICE WHICH BURNS FUEL INSIDE THIS TENT

Combustion produces carbon monoxide which can kill you in minutes. Carbon monoxide is a poison you cannot see or smell.

<p>NO FIRE</p> 	<p>Exercise extreme caution when lighting or using appliances such as lamps, heaters or stoves in a tent. Keep appliances away from the tent walls. NEVER leave appliances unattended while in use. Turn them off before going to sleep. Follow manufacturer's instructions for safe appliance use. Exercise extreme caution when using matches or other open flames in or near a tent. NEVER smoke in a tent. NEVER use candles in a tent. NEVER refuel appliances or store flammable liquids in a tent. Keep exits clear. Death and/or serious burns are possible.</p>
<p>VENTILATION</p> 	<p>Build campfires downwind and at a safe distance of at least 10 feet (3 meters) away from a tent. Extinguish campfires before leaving a campsite or going to sleep.</p> <p>Maintain adequate ventilation inside your tent at all times. Death by suffocation is possible.</p>
<p>ANCHOR</p> 	<p>Carefully consider the possibility of falling rocks or tree limbs, lightning strikes, flash floods, avalanches, strong winds, and other objective hazards when choosing a campsite to reduce the risk of loss or injury to the tent or occupants.</p> <p>Anchor your tent properly at all times to reduce the risk of loss or injury to the tent or occupants.</p>

This tent meets the flammability requirements of ASTM F3431.

Please consult your owner's manual for additional information. If you do not understand any part of this warning, contact (INSERT COMPANY NAME) at (INSERT COMPANY PHONE # OR COMPANY EMAIL HERE) before using tent.

FIG. 1 B Label for Tents for Use With Camping Appliances (Ref: Specification F3431) (continued)

8. Keywords

8.1 anchoring; backpacking; bivouac sack; bivy sack; campsite; flammability; hazards; label; mountaineering; tent; venti-

lation; warnings