



Designation: F 1935 – 9801

An American National Standard

Standard Test Method for Measuring the ~~Peak-Height~~ Headroom of a Backpacking or Mountaineering Tent¹

This standard is issued under the fixed designation F 1935; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This test method covers tents for use in the sports of backpacking and mountaineering. It establishes requirements for the testing and marking of tents.

1.2 This test method may contain test methods that do not entirely simulate real life situations. This test method is designed to give reproducible results in a laboratory and thereby a means for product comparison.

1.3 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Terminology

2.1 *Definitions of Terms Specific to This Standard:*

2.1.1 *tent*—a portable shelter made primarily of fabric weighing less than 3 oz/yd², designed to be carried by the occupants for while backpacking or mountaineering.

2.1.2 *usable ~~peak-height~~ headroom*—the interior vertical measurement of a tent measured from the tent floor to the high point on the ceiling using a simple fixture that simulates an average ~~users head and shoulders~~ user's head.

3. Significance and Use

3.1 This test method can be used to quantify and compare ~~peak-height~~ headroom of backpacking and mountaineering tents. The measured ~~peak-height~~ headroom can be used as a manufacturing standard or a measurement that can be used by consumers to compare the interior height of a variety of tents, or both.

4. Apparatus

4.1 *Specifications for ~~Peak-Height~~ Headroom Measurement Fixture (see Fig. 1):*

4.1.1 *~~Ellipse to Simulate Shoulders~~*—The major axis shall be 17.8 in. (50th percentile

¹ This test method is under the jurisdiction of ASTM Committee F-8 F08 on Sports Equipment and Facilities and is the direct responsibility of Subcommittee F08.22 on Camping Softgoods.

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