



Designation: F 1952 – 9900

An American National Standard

Standard Specification for Helmets Used for Downhill Mountain Bicycle Racing ¹

This standard is issued under the fixed designation F 1952; 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 specification covers performance requirements for helmets used by downhill mountain bicycle riders. Studies have shown higher risk to the head and face for this sport as compared to recreational street riding; hence, this specification requires greater impact protection and provides performance criteria for chin bars on full-face helmets, but does not require full-face helmets. This specification recognizes the desirability of lightweight construction and ventilation; however, it is a performance specification and is not intended to restrict design.

1.2 All testing and requirements of this specification shall be in accordance with Test Methods F 1466, except where noted herein.

1.3 Partial utilization of this standard is prohibited. Any statement of compliance with this specification must be a certification that the product meets all of the requirements of this specification in its entirety. A product that fails to meet any one of the requirements of this specification is considered to have failed this standard, and should not be sold with any indication that it meets parts of this standard.

2. Referenced Documents

2.1 ASTM Standards:

¹ This test method specification is under the jurisdiction of ASTM Committee F-8 F08 on Sports Equipment and Facilities and is the direct responsibility of Subcommittee F08.53 on Headgear and Helmets.

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