



# Standard Guide for Manufacturers for Labeling Headgear Products<sup>1</sup>

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## 1. Scope

1.1 This guide sets forth labeling and instruction guidelines for manufacturers of headgear for non-motorized sports and recreation.

1.2 This guide applies only to protective headgear whose standard specifications are under auspices of ASTM Committee F08.

1.3 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.4 *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:

2.1.1 *accompanying literature, n*—printed material that accompanies the product when it is sold or distributed.

2.1.2 *caution, n*—signal word used to indicate a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.

2.1.3 *contact information, n*—information that allows the user to contact the manufacturer of the product, such as name, telephone number, website address.

2.1.4 *danger, n*—signal word used to alert the wearer to an imminently hazardous situation that, if not avoided, will result in serious injury or death and this signal word is to be limited to the most extreme situations.

2.1.5 *label, n*—printed material that is physically attached to the headgear in a durable fashion.

2.1.6 *label material, n*—substrate paper, fabric, or other material from which the label is made.

2.1.7 *legible, adj*—can be read by a person with 20/20 corrected vision from a distance of at least 18 in. (46 cm).

2.1.8 *manufacturer, n*—entity responsible for marketing the product.

2.1.9 *mounting location, n*—position on or in the headgear in which information may be affixed.

2.1.10 *pictogram, n*—graphic representation that depicts or illustrates an act or condition without the use of accompanying writing.

2.1.11 *signal word, n*—word that conveys a level of danger commensurate with the risk of injury.

2.1.12 *warning, n*—signal word used to indicate a potentially hazardous situation that, if not avoided, could result in death or serious injury.

### 2.2 Definitions of Terms Specific to This Standard:

2.2.1 *date of manufacture, n*—uncoded four-digit year during which the headgear was manufactured.

2.2.2 *durable, adj*—label should be designed to be legible as long as the manufacturer's logo remains legible.

2.2.3 *expected life, n*—period of time during which the headgear should be expected to provide the advertised level of protection if not damaged by use or accident.

## 3. Significance and Use

3.1 This guide gives guidelines for labels and instructions to manufacturers of non-motorized sports and recreation headgear.

3.2 The purpose of the labels and instructions is to help alert and remind headgear users of important issues related to headgear and its use.

3.3 *Limitation*—This guide applies only to protective headgear whose standard specifications are under auspices of ASTM Committee F08.

## 4. Helmet Labeling Requirements

4.1 Required information shall be on one or more labels that are affixed to the helmet in a durable fashion. The labels shall have:

4.1.1 *Manufacturer Identification*—Full name.

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4.1.2 *Manufacturer Contact Information*—At least one of the following shall be provided: (1) toll-free phone number, (2) mailing address, (3) website, or (4) e-mail address for customer service.

4.1.3 *Size*—Hat size, circumference in centimetres or inches, or equivalent.

4.1.4 Indicate what to do if damaged.

4.1.4.1 End user should destroy and replace the helmet if it becomes damaged beyond repair.

4.1.4.2 In case of helmets that can be repaired or recertified they should be repaired and recertified before use.

4.1.5 An indication of materials and conditions that can damage the helmet.

4.1.6 All information required to be placed on the helmet by the ASTM International standard applicable to that helmet.

4.1.7 Identification of all the standard(s) the manufacturer claims the headgear satisfies.

4.1.8 Appropriate certification information.

4.1.9 Model name or number or both.

4.1.10 Date of manufacture.

4.1.11 Instruction to read owner's manual/manufacturer's instructions.

## 5. Accompanying Literature Requirements

5.1 Accompanying literature can be on product packaging, in instructions included with the product, and so forth. The accompanying literature shall have:

5.1.1 Fit, use, and adjustment instructions such as:

5.1.1.1 Pictogram showing correct positioning,

5.1.1.2 Text describing fit and adjustment,

5.1.1.3 Care instructions such as:

(1) Cleaning instructions,

(2) When to replace,

(3) What materials can damage, and

(4) Pre-use inspection.

5.1.1.4 Warranty or where warranty can be accessed (website or equivalent).

5.1.2 *Manufacturer Identification*—Full name of manufacturer including any other information needed to identify the responsible entity.

5.1.3 *Manufacturer Contact Information*—Website address, mailing address, and e-mail address for customer service.

5.1.4 Any age or size limitations.

5.1.5 Statement that modifying the product can reduce level of protection.

5.1.6 Statement to read and always comply with manufacturer's instructions.

5.1.7 Statement to always comply with all applicable laws.

5.1.8 Statement to always comply with rules of applicable sports or activities.

5.1.9 Identification of the standard(s) that the manufacturer claims the headgear satisfies. Reference shall include name of organization that created the standard and the full standard title and number including any version information.

5.1.10 Product packaging shall not contain words or graphics that would indicate that the headgear provides protection or is certified for activities that are not in compliance with the identified standards required in 4.1.7 and 5.1.9.

## 6. Keywords

6.1 headgear; helmet; instructions; labeling

## Bibliography

- (1) ASTM F381, Standard Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines
- (2) ASTM F1749, Standard Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels
- (3) ASTM F2041, Standard Specification for Paintball Marker Warnings
- (4) ANSI Z535.6, American National Standard for Product Safety
- (5) CPSC: 16 CFR Part 1203, Safety Standard for Bicycle Helmets
- (6) NOCSAE: ND-001, Standard Drop Test Method and Equipment Used in Evaluating the Performance Characteristics of Protective Headgear
- (7) FMVSS 218: Federal Motor Vehicle Safety Standard No. 218 (Motorcycle Helmets)
- (8) ISO 3864-2, Graphical symbols -- Safety colours and safety signs -- Part 2: Design principles for product safety labels

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