

INCH-POUND

A-A-1110A

September 13, 1991

SUPERSEDING

A-A-1110

April 11, 1980

COMMERCIAL ITEM DESCRIPTION

GOGGLES, INDUSTRIAL, PLASTIC

The General Services Administration has authorized the use of this commercial item description in lieu of type I of Federal specification GG-G-531C.

1. ABSTRACT

1.1 Scope and intended use. This commercial item description covers industrial, eye-protective goggles which are constructed primarily of plastic materials. The goggles are intended to provide eye protection from hazards such as small flying particles of dust, chips, and machine cuttings (see 5.3).

2. SALIENT CHARACTERISTICS

2.1 Goggles design. The goggles shall be cover style, have direct or indirect ventilation as specified (see 5.1), and shall consist of a clear plastic frame sufficiently rigid to hold the lens securely in place, a clear plastic lens, and an adjustable headband of a suitable elastic material such as elastic rubber or synthetic rubber, 1/2 inch minimum in width and 18 inches minimum in overall length, without metal stays or clips. The goggles shall be designed to generally contour to the shape of the face and to completely cover the eye sockets and the facial area surrounding the eyes, offering both frontal and side protection to the wearer. Goggles shall be capable of being worn over conventional spectacles with no decrease in the protection offered. The goggles shall be furnished with either an integral or replaceable lens, at the manufacturer's option. When specified (see 5.1), the goggles shall be treated with anti-fogging material so that they show no evidence of visible fog when exposed to room

Comments or suggestions pertaining to this document should be addressed to: Commander, U.S. Army Chemical Research, Development and Engineering Center, ATTN: SMCCR-PET-S, Aberdeen Proving Ground, MD 21010-5423

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conditions of 65° to 70°F and a relative humidity of no less than 40 percent after having been maintained at a temperature of 45°F or less for a period of 1 hour. The anti-fogging material on the goggles shall not be affected by goggles use or cleaning.

2.2 ANSI Z87.1 compliance. Goggles shall comply with all applicable ANSI Z87.1 requirements including the eye protection requirements when tested as specified therein.

3. QUALITY ASSURANCE PROVISIONS

3.1 Contractor certification. The contractor shall certify, and maintain objective quality evidence, that the product offered meets this commercial item description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. The contractor shall supply a certificate of compliance as evidence of goggle conformance to ANSI Z87.1 requirements including marking requirements. When anti-fogging treatment is required (see 5.1) the contractor shall provide certification that the anti-fogging requirements in this commercial item description have been met. The Government reserve the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

4. PACKAGING

4.1 Preservation, packing, labeling, and marking. Preservation, packing, labeling, and marking shall be as specified in the contract or order.

5. NOTES

5.1 Acquisition requirements. Acquisition documents must specify the following:

- (a) Title, number, and date of this commercial item description.
- (b) If direct or indirect ventilation is required (see 2.1).
- (c) If goggles are to be treated with anti-fogging material (see 2.1).

5.2 Sources of documents.

5.2.1 ANSI standards. ANSI standards are available from the American National Standards Institute, Inc., 1430 Broadway, New York, NY 10018.

5.3 Information on selection of goggles. Information on the selection of goggles is available in Appendix B and the Selection Chart in ANSI Z87.1. However, this commercial item description does not cover all of the eye protection equipment in ANSI Z87.1.

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MILITARY INTERESTS:

Custodians:

Army - EA
Air Force - 99

Review activities:

Air Force - 11
DLA - GS

User activity:

Army - ME

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS (7FXE)

Preparing activity:

Army - EA

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