Downloaded from http://www.everyspec.com

A-A-1995
February 8, 1983

# COMMERCIAL ITEM DESCRIPTION

## SPECTACLES, INDUSTRIAL (PLASTIC FRAMES)

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification GGG-S-620, type II, styles A, B, C, and D.

This description covers spectacles for the protection of personnel engaged in occupations where small flying particles of relatively light impact are encountered; such as in light grinding and polishing, metal and wood burning and drilling. In addition, spectacles with absorptive lenses provide protection from the harmful effects of intense light in the vicinity of gas or electric welding and other sources of intense glare. Spectacle frames and lenses shall be one of the following types, styles and classes, as specified:

Frames:

Plastic
- Style A - without side shields
- Style B - with perforated clear plastic side shields
- Style C - with green plastic side shields
- Style D - with clear semi-side shields
- Style E - with gree semi-side shields

Lenses:

Type I - Glass, plano, impact-resistant
- Class A - clear
- Class B - asborportive. shall be available in shade numbers 1.7, 2.0, 2.5, and 3.0, as specified.

Type II - Polycarbonate, plano, impact-resistant, mar-resistant coated
- Class A - clear
- Class B - absorptive. Shall be available in shade numbers 1.7, 2.0, 2.5, and 3.0, as specified.

Salient characteristics:

Lens Shape - S-7

Lens Sizes - 44, 46, 48 and 50 mm, as specified. A tolerance of ± 0.1 mm applies.

Frame Sizes - 44, 46, 48 and 50 mm, as specified. Shall accommodate S-7 lenses.

Glare Protection - Side shields used in Class B lens spectacles when used to enhance glare protection, shall have transmission to incident radiation (visible, ultra-violet and infrared) less than or equal to the lens in the front. Side shields shall be solid with no perforations or openings.

Bridge Sizes - From 18 to 26 mm, as specified. A tolerance of ± 1.0 mm is permitted.

Temples - Shall be cable or spatula type, as specified.

Nose Pads - Shall be equipped with adjustable rocking-pad type, or an integral, rigid pad. A universal fitting bridge may be furnished.

Conformance. Spectacles and lenses furnished under this specification shall comply with the applicable requirements of ANSI Z87.1, except as otherwise specified herein.

Workmanship. The spectacles shall be constructed in a thoroughly workmanlike manner, and shall be free of defects whcih may impair their appearance, durability, or serviceability.

The issue of ANSI Z87.1 in effect on the date of the solicitation shall be used to determine compliance with these requirements.

Note. Purchaser to specify type, class, style, lens size, frame size, bridge size, and whether temples are to be cable or spatula type.

Downloaded from http://www.everyspec.com



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

ANSI Standard Z 87.1 is available from the American National Standards Institute, 1430 Broadway, New York, NY 10018.

MILITARY INTERESTS:

Review Activities

Army - AR
Navy - SH, MS
Air Force - 99

Custodians

Army - AR
Navy - SH
Air Force - 99

PREPARING ACTIVITY:

GSA - FSS