



## Standard Practice for Labeling Chemical Protective Clothing<sup>1</sup>

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### INTRODUCTION

This practice is intended to provide guidance on the minimum label information for chemical protective clothing.

#### 1. Scope

1.1 This practice covers the informational content of labels in or on chemical protective clothing.

1.2 This practice details the recommended format and minimal content of the information to be included on the labels used for chemical protective clothing.

1.3 Protective clothing is defined as any single item or combination of items used for the purpose of isolating parts of the body from direct contact with a potential hazard. It does not include individual parts of a protective clothing item designed to be worn as part of another item (for example, a faceshield or lens) unless it may be worn independently of the other items and still be used in a protective manner. For example, a glove or boot unless permanently attached would be considered a protective clothing item requiring labeling, while a visor or vent valve would not. In summary, the intent of this practice is to only require labeling of parts of an ensemble that can be used independently for the protection of the user.

1.4 This practice does not cover user information provided by means other than item labeling such as instructions, informational packets, brochures, or other written means.

1.5 This practice excludes those items covered under 16 CFR 303 unless specifically designed for use as chemical protective clothing.

1.6 *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. Referenced Documents

##### 2.1 ANSI Standards:

ANSI 101-1985 Men's Limited-Use and Disposable Protec-

tive Coveralls—Size and Labeling Requirements<sup>2</sup>

##### 2.2 Code of Federal Regulation:

16 CFR 303 Textile Fiber Products Identification Act<sup>3</sup>

#### 3. Significance and Use

3.1 *General*—This practice contains the recommendations for minimal informational requirements for the identification of chemical protective clothing items. It is intended to provide the user with some of the basic information necessary for the proper selection and use of the chemical protective clothing when comparing resistance data derived from ASTM performance testing.

#### 4. Minimal Informational Requirements

4.1 The minimum informational requirements for labeling of chemical protective clothing include an identification of the item, the manufacturer's or distributor's name, base composition information (material of construction), and size.

4.2 The following details the minimum requirements:

4.2.1 *Identification*—The name or trade name, or other descriptions for the item (such as catalog number, etc.).

4.2.2 *Manufacturers or Distributors Name*—The name of the manufacturer or distributor of the item.

4.2.3 *Base Composition and Size*—The barrier composition of the garment or item (it is suggested that the generic or common terms for base composition be provided) and manufacturers size designation. If of multilayered construction, the largest percentage of barrier composition or trade name for the complete composition can be shown. However, it is suggested that all composition elements be noted. The sizing should be the manufacturers size designation in either a category (for example, Large) or inch-pound or SI (metric) units (for example, 42 to 44 in./107 to 112 cm). Width and girth measurements are also of value but optional. ANSI 101-1985 is one standard for sizing that could be followed.

<sup>1</sup> This practice is under the jurisdiction of ASTM Committee F23 on Protective Clothing and is the direct responsibility of Subcommittee F23.30 on Chemicals. Current edition approved September 12, 1990. Published October 1990.

<sup>2</sup> Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.

<sup>3</sup> Available from United States Government Printing Office, Washington, DC 20402.

## 5. Label Format

5.1 The manufacturer or distributor may utilize any form or type of labeling method to convey the required information. This may take the form of silk screen impressions, tags, or any other means of labeling. Integral or attached labels are recommended.

5.2 The label should be of a durable nature such that the expected life of the label is the same as the garment or protective clothing item, where possible.

5.3 The size of the label should be sufficient to enable the user to easily read the information provided. It should also be located on the item in a location to facilitate recognition.

5.4 Labeling of chemical protective clothing containers or packages only does not constitute labeling as defined in this practice.

5.5 Each piece that could be worn independently for the protection of the user, must be labeled (for example, hoods, overgarments, gloves, boots, etc.).

5.6 The appendix shows an example of a label that follows this practice.

## 6. Keywords

6.1 chemical protective clothing; labeling; protective clothing

## APPENDIX

### (Nonmandatory Information)

#### X1.

##### Example Label

**XJ-23 Disposable Protective Suit**  
**Ajax Manufacturing Company**  
**Spunbonded Polypropylene Base Composition**  
**Extra Large 48–54 in./122–137 cm.**

**FIG. X1.1 Example Label**

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