

Adhesive labels



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CSA Standard

C22.2 No. 0.15-01
Adhesive Labels



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Preface

This is the third edition of CSA Standard C22.2 No. 0.15, *Adhesive Labels*. It supersedes the previous editions published in 1995 and 1990. This Standard is one of a series of Standards issued under Part II of the *Canadian Electrical Code*. It is written in SI (metric) units.

It is intended that this Standard be referenced by interested groups, such as the Subcommittees of Part II of the *Canadian Electrical Code*, in their standards-writing activities. The utilization of the test procedures included in this Standard will serve to standardize the diversified test requirements for the various types of adhesive labels and nameplates.

Significant changes from the second edition include the following:

- (a) requirements for laminating/transfer adhesives have been added;
- (b) heavy-duty use has been replaced by additional special requirements; and
- (c) Table 1 has been revised to include electrostatic coated metals.

This Standard was prepared by the Subcommittee on C22.2 No. 0.15 under the jurisdiction of the Technical Committee on General Requirements, CE Code, Part II and the Strategic Resource Group, and has been formally approved by the Technical Committee.

Interpretations: The Strategic Resource Group has provided the following direction for the interpretation of standards under its jurisdiction: "The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant committee interpretation has not already been published, CSA's procedures for interpretation shall be followed to determine the intended safety principle. (See Note (5) below.)"

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Notes:

- (1) Use of the singular does not exclude the plural (and vice versa) when the sense allows.
- (2) Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.
- (3) This publication was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as "substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity". It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this publication.
- (4) CSA Standards are subject to periodic review, and suggestions for their improvement will be referred to the appropriate committee.
- (5) All enquiries regarding this Standard, including requests for interpretation, should be addressed to Canadian Standards Association, 178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3.

Requests for interpretation should

- (a) define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;
- (b) provide an explanation of circumstances surrounding the actual field condition; and
- (c) be phrased where possible to permit a specific "yes" or "no" answer.

Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are published in CSA's periodical Info Update. For subscription details, write to CSA Sales Promotion, Info Update, at the address given above.

Foreword

The Canadian Standards Association (CSA) develops standards under the name Canadian Standards Association, and provides certification and testing under the name CSA International. CSA International provides certification services for manufacturers who, under license from CSA, wish to use the appropriate registered CSA Marks on certain products of their manufacture to indicate conformity with CSA Standards.

CSA Certification for a number of products is provided in the interest of maintaining agreed-upon standards of quality, performance, interchangeability and/or safety, as appropriate. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations. Where feasible, programs will be developed for additional products for which certification is desired by producers, consumers, or other interests. In performing its functions in accordance with its objectives, CSA does not assume or undertake to discharge any responsibility of the manufacturer or any other party. The opinions and findings of the Association represent its professional judgement given with due consideration to the necessary limitations of practical operation and state of the art at the time the Standard is processed.

Products in substantial accord with this Standard but which exhibit a minor difference or a new feature may be deemed to meet the Standard providing the feature or difference is found acceptable utilizing appropriate CSA International Operating Procedures. Products that comply with this Standard shall not be certified if they are found to have additional features which are inconsistent with the intent of this Standard. Products shall not be certifiable if they are discovered to contravene applicable laws or regulations.

Testing techniques, test procedures, and instrumentation frequently must be prescribed by CSA International in addition to the technical requirements contained in Standards of CSA. In addition to markings specified in the Standard, CSA International may require special cautions, markings, and instructions that are not specified by the Standard.

Some tests required by CSA Standards may be inherently hazardous. The Association neither assumes nor accepts any responsibility for any injury or damage that may occur during or as the result of tests, wherever performed, whether performed in whole or in part by the manufacturer or the Association, and whether or not any equipment, facility, or personnel for or in connection with the test is furnished by the manufacturer or the Association.

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If this Standard is to be used in obtaining CSA Certification please remember, when making application for certification, to request all current Amendments, Bulletins, Notices, and Technical Information Letters that may be applicable and for which there may be a nominal charge. For such information or for further information concerning CSA Certification, please address your inquiry to Applications and Customer Service, CSA International, 178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3.

C22.2 No. 0.15-01

Adhesive Labels

1. Scope

1.1

This Standard applies to permanent adhesive labels and nameplates intended for use indoors or outdoors on application surfaces that are essentially clean, smooth, flat, or simple curved.*

*Refer to Appendix A.

1.2

This Standard includes requirements for legibility of text and other mandatory information and adhesion of the label when subjected to various environmental conditions. Requirements are included for permanent labels intended for use in normal and additional special applications.

1.3

This Standard also includes provisions for the testing of overlaminating films and laminating/transfer adhesives.

2. Definitions and Reference Publications

2.1 Definitions

The following definitions apply in this Standard:

Additional special applications label or nameplate — a label or nameplate intended for use in locations where the label or nameplate may be subjected to severe abrasion, exposure to oil, or harsh fluids.

Application surface — the surface to which a label or nameplate adheres.

Face material or face stock — any material suitable for conversion into a label or nameplate.

Label or nameplate — a permanent adhesive-backed construction of metal, plastic, or other face material bearing alphanumeric and/or graphic information (ie, text) that is intended to remain in the applied position and legible for the lifetime of the equipment under conditions of normal use. The label may include an overlaminating film applied to a printed label to protect the printing.

Type A — a permanent label that may be peeled off intact, except that the label may tend to break up upon peeling after exposure to certain environmental conditions.

Type B — a permanent label that will break up if an attempt is made to remove the label.

Type C — a permanent label that incorporates a tamper-indicating feature.

Laminating/transfer adhesives — a laminating adhesive or transfer tape that can either be supported or unsupported adhesive for bonding label face material to the application surface.