

STANDARD INFORMATION

Standard Number: CSA C22.2 No. 0.15
Standard Name: Adhesive Labels
Standard Edition and Issue Date: 4th edition Dated February 1, 2015
Date of Revision: February 1, 2015
Date of Previous Revision of Standard: 3rd edition Revised January 1, 2012

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 30, 2019**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

Overview of Changes:

- Modify the scope to include the unprinted label stocks in the scope.
- Add a new performance requirement of visual examination for label defects;
- Abrasion requirements have been revised.
- Add the high abrasion application rating for labels.
- Modify the types of adhesive labels;

Specific details of new/revised requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action Required:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are underlined and deletions are shown lined out below.</i>
1	Info	Scope <i>New clause added;</i>
1.3		This Standard also includes provisions for the testing of unprinted label stocks, overlaminations, and laminating/transfer adhesives.
5	Info	Performance <i>New clause added;</i> Visual examination for label defects The label shall adhere to the test surface and a) shall not edge lift or curl more than 2.5 mm (0.1 in); b) shall not shrink by more than 10% when applied to a surface; and c) shall not have solvent penetration of greater than 2.5 mm (0.1 in) from any edge of the label. Blistering or bubbling (trapping of gas), crazing, tunneling, or wrinkles shall not be acceptable if these indicate a compromise in the label adhesion or legibility. Measurements shall be made using a calibrated steel rule.
8	Info	Test procedure and apparatus
8.1	Info	General
8.1.2	Info	Test panel preparation The test panel shall be prepared in accordance with Clause 11.1 of ASTM Standard D 3330/D 3330M. <u>Previously unused test panels shall be prepared by dispensing denatured ethanol, or equivalent, onto the panel, and wiping it dry with a bleached cheesecloth, or equivalent. This shall be repeated for a total of three washes with the solvent. The panels shall be allowed to dry at ambient room conditions for at least 3 min. If a cleaned panel is not used within 10 h, it shall be recleaned.</u>
8.1.2.1		
8.2	Info	Exposure conditions
8.2.11	Info	Abrasion



8.2.11.1		<p>The test apparatus shall be a Taber® Rotary Abraser or equivalent, equipped with CS-10 CS-8 Calibrase wheels and S-36 specimen mounting cards or equivalent. <u>The wheels shall be refaced prior to beginning each individual test using a new S-11 refacing disk, or equivalent, for a minimum of 25 cycles, up to a maximum of 50 cycles, at a load of 250 g/arm.</u></p>
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8.2.11.4		<p><i>New clause added;</i></p> <p>For high abrasion applications, the test shall be conducted in accordance with Clauses 8.2.11.1 through 8.2.11.3, except the load shall be 500 g/arm.</p>
8.2.12	Info	<p>Fluid abrasion</p>
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8.2.12.6		<p><i>New clause added;</i></p> <p>For additional special application (see Clause 8.2.13), test specimens shall be evaluated in accordance with Clauses 8.2.13.1 through 8.2.13.3 using the fluids indicated in Table 3, with the exception that Stoddard solvent shall be used in place of Fuel C for gasoline splashing applications.</p>
9	Info	<p>Marking</p>
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9.1		<p>Adhesive labels complying with the requirements of this Standard shall bear a unique identification as required by the testing agency.</p> <p><u>Label and label materials that meet the requirements of this Standard shall be marked, as indicated in Clause 9.3, with the following:</u></p> <p>a) <u>the manufacturer's name, ID, or identifying symbol; and</u> b) <u>a distinctive product designation.</u></p>
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9.2		<p><i>New clause added;</i></p> <p>Label and label materials produced at more than one factory shall also have a distinctive marking to identify them as the product of a particular factory.</p>
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9.3		<p><i>New clause added;</i></p> <p>The marking specified in Clauses 9.1 and 9.2 shall be marked on each package, roll core, release liner, or the face of the label.</p>
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Application surface groupings

Group	Test material	Application and surface
Metal	Aluminum (bare)	Bare, plated, enamelled steel; bare, anodized, or enamelled aluminium <u>galvanized, painted, or anodized ferrous and non-ferrous metals</u>
Powder Coat Material		
A	Polyester powder coat paint	Polyester powder coat paint
B	Acrylic powder coat paint	Acrylic powder coat paint
C	Epoxy powder coat paint	Epoxy powder coat paint
D	Polyurethane powder coat paint	Polyurethane powder coat paint
Group	Test material	Application and surface
Plastic		
I	Phenolic	Phenolic, melamines, urea formaldehyde
II	Polyphenylene oxide	Polyphenylene oxide, polyphenylene sulphide
III	Polycarbonate	Polycarbonate, acetates, acrylics
IV	Polypropylene	Polyethylene, polypropylene, polybutylene
V	Nylon	Polyamide, polyimide
VI	Acrylonitrile-butadiene-styrene	Styrene, styrene acrylonitrile, acrylonitrile-butadiene-styrene
VII	Polyvinyl chloride (rigid)	Polyvinyl chloride (rigid), plasticized polyvinyl chloride
VIII	Glass-filled polyester	Glass-filled polyester, glass-filled epoxy
VIII	<u>Unsaturated (thermoset) polyester</u>	<u>Unsaturated (thermoset) polyester ("fiberglass"), epoxy plastic, polyethylene terephthalate, polybutylene terephthalate</u>

Table 2

CUSTOMERS PLEASE NOTE: This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.