

UNDERWRITERS LABORATORIES INC. CERTIFICATION REQUIREMENT DECISION

This Certification Requirement Decision is prepared by UL LLC. It is normative for the applicable UL Product Certification Program(s); however, it is currently not part of the UL Standard(s) referenced below.

Product Category (CCN): OANZ

Standard Number: UL 510

Standard Title: Standard for Polyvinyl Chloride, Polyethylene and Rubber Insulating Tape

Edition Date: May 12, 2017

Edition Number: 9

Section / Paragraph Reference: 22. Storage Test

Subject: Revised Test Method for the Storage Test

DECISION:

22.2 To determine whether a rubber tape complies with the requirements in 22.1, an unused roll of tape, in its original container, is to be laid flat in a full-draft circulating-air oven operating at a temperature of $40.0 \pm 1.0^{\circ}\text{C}$ ($104.0 \pm 1.8^{\circ}\text{F}$) for 60 days (1,440 h). After this conditioning, the tape is not to become unduly attached to the separator and is to meet the fusion test ~~in the Standard Specification for Low-Voltage Rubber Insulating Tape, ASTM D119~~ in the Standard Test Method for Nonmetallic Semi-Conducting and Electrically Insulating Rubber Tapes, ASTM D4325, (See Sections Significance and Use, Apparatus and Procedure).

RATIONALE FOR DECISION:

The current ASTM standard referenced in Clause 22.2 was withdrawn in 1985. In the current edition of UL 510A the same test is described and the fusion test is conducted in accordance with ASTM D4325, Standard Test Method for Nonmetallic Semi-Conducting and Electrically Insulating Rubber Tapes, ASTM D4325, (See Sections Significance and Use, Apparatus and Procedure).

In order to be consistent, UL 510 should be revised to include a reference to ASTM D4325.

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