



JOINT CANADA-UNITED STATES
NATIONAL STANDARD

ANSI/CAN/UL 510:2024

STANDARD FOR SAFETY

Polyvinyl Chloride, Polyethylene, and
Rubber Insulating Tape



ANSI/UL 510-2024



SCC FOREWORD

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UL Standard for Safety for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape, ANSI/CAN/UL 510

Tenth Edition, Dated April 17, 2020

Summary of Topics

This revision of ANSI/CAN/UL 510 dated February 28, 2024 includes Clarification to result recording – Dielectric; [9.3](#), [22.7](#), and [23.3](#).

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated July 28, 2023 and October 10, 2023.

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ANSI/CAN/UL 510:2024

Standard for Polyvinyl Chloride, Polyethylene and Rubber Insulating Tape

The first, second, third, fourth, fifth, and sixth editions were titled Electrical Insulating Tape.

Fourth Edition – August, 1976

Fifth Edition – January, 1982

Sixth Edition – October, 1986

Seventh Edition – June, 1994

Eighth Edition – February, 2005

Ninth Edition – May, 2017

Tenth Edition

April 17, 2020

This ANSI/CAN/UL Safety Standard consists of the Tenth Edition including revisions through February 28, 2024.

The most recent designation of ANSI/UL 510 as an American National Standard (ANSI) occurred on February 28, 2024. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, Preface or SCC Foreword.

The Department of Defense (DoD) has adopted UL 510 on October 10, 1979. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

This standard has been designated as a National Standard of Canada (NSC) on February 28, 2024.

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Preface

This is the Tenth Edition of ANSI/CAN/UL 510 Standard for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape.

ULSE is accredited by the American National Standards Institute (ANSI) and the Standards Council of Canada (SCC) as a Standards Development Organization (SDO).

This Standard has been developed in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization.

This ANSI/CAN/UL 510 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of ANSI and SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

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This Edition of the Standard has been formally approved by the Technical Committee (TC) on Insulating Tape, TC 510.

This list represents the TC 510 membership when the final text in this standard was balloted. Since that time, changes in the membership may have occurred.

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