UL 514C

STANDARD FOR SAFETY

Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers

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UL Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers, UL 514C

Fourth Edition, Dated April 8, 2014

Summary of Topics

This revision of ANSI/UL 514C dated July 20, 2026 incorporates a correction to 34.1.2 to include the word "or" which was inadvertently omitted in the June 18, 2026 revision.

The following is a list of the revisions issued June 18, 2026 for your convenience:

– Calcium Chloride desiccant purity; 33.2.

– Flame test; 34.1.2.

– Bodies, Boxes, and Covers; 66.1.3.

– Conduit Bodies; 68.1.

– Details; 92.1.1(e).

– Markings for boxes intended for use with nonmetallic-sheathed cable or open wiring; 92.2.7.

– Correction; Figure SB5.1.

– URL/QR Codes; 93.0.

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.

This correction is substantially in accordance with the Proposal on this subject dated August 29, 2025.

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Fourth Edition

April 8, 2014

This ANSI/UL Standard for Safety consists of the Fourth Edition including revisions through July 20, 2026, 2026.

The most recent designation of ANSI/UL 514C as an American National Standard (ANSI) occurred on June 18, 2026. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

The Department of Defense (DoD) has adopted UL 514C on August 17, 1989. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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CONTENTS

INTRODUCTION

1 Scope 9
2 Terminology 9
3 Glossary 9
4 Units of Measurement 10
4A Normative References 10

BOXES AND COVERS

CONSTRUCTION

5 General 10
5.1 All boxes and covers 10
5.2 Boxes and covers intended for use with nonmetallic-sheathed cable or open wiring 11
5.3 Boxes and covers intended for use with rigid nonmetallic conduit 11
5.4 Nonmetallic outlet box covers for use in damp and wet locations 12
5.5 Boxes and covers intended for use with electrical nonmetallic tubing 12
6 Protection Against Corrosion 12
7 Assembly 13
8 Dimensions 14
9 Device Support 14
10 Floor Boxes, Deck Boxes 14
11 Ceiling-Suspended Fan Support 15
12 Partitions 15

PERFORMANCE

13 General 15
14 Protection Against Corrosion 16
15 Volume Verification Test 17
16 Scrub-Water Exclusion Test 18
17 Floor Box and Cover Loading Test 18
18 Support for Floor Boxes 18

BOXES INTENDED FOR USE WITH NONMETALLIC-SHEATHED CABLE OR OPEN WIRING

CONSTRUCTION

19 Materials 18

PERFORMANCE

20 Hot-Wire Ignition 19
21 Dielectric Voltage Withstand 19

BOXES INTENDED FOR USE WITH NONMETALLIC-SHEATHED CABLE OR OPEN WIRING

CONSTRUCTION

22 Knockouts 20
23 Connections for Wiring Systems 20

ULSE INC. COPYRIGHTED MATERIAL – NOT AUTHORIZED FOR FURTHER REPRODUCTION OR DISTRIBUTION WITHOUT PERMISSION FROM ULSE INC.

24 Clamps for Nonmetallic-Sheathed Cable 21
25 Supports 21
26 Grounding 22
27 Extension Rings 22
28 Box Extenders 22

PERFORMANCE

29 Knockouts 23
30 Clamps for Nonmetallic-Sheathed Cable 24
30.1 Pull Test 24
30.2 Assembly at Low Temperature Test 24
31 Clamps for Flexible Nonmetallic Tubing 24
32 Supports 24
32.1 General 24
32.2 Fixture/Luminaire support 25
32.3 Ceiling-suspended fan support 26
32.4 Boxes intended to be installed in a finished structure 26
32.5 Boxes for support of products up to 50 pounds (22.7 kg) 27
32.6 Polymeric supporting means 27
33 Water Absorption 27
34 Flammability 28
34.1 Materials 28
34.2 Boxes 30
35 Mold Stress 32
36 Resistance to Crushing 32
37 Resistance to Impact 33
38 Threaded or Unthreaded Holes for Screws in Molded Bosses 34
39 Openings Employing Quick-Set Fastening Devices 35

COVERS FOR BOXES INTENDED FOR USE WITH NONMETALLIC-SHEATHED CABLE OR OPEN WIRING

CONSTRUCTION

40 Materials 37
40.1 General 37
40.2 Relative thermal index 37
41 Holes in Outlet Box Covers 37

PERFORMANCE

42 Flammability 38
43 Outlet Box Covers for Support of a Device 39

NONMETALLIC OUTLET BOX COVERS FOR USE IN DAMP AND WET LOCATIONS

CONSTRUCTION

44 General 39
45 Protection Against Corrosion 39
46 Relative Thermal Index of Materials 40
47 Gaskets 40
48 Installation of Receptacles 40

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PERFORMANCE

49 General 40
50 Sealing Compound 41
51 Gaskets 41
52 Resistance to Moisture 41
52.1 General 41
52.2 Assemblies for use in wet locations and wet locations with cover closed 42
52.3 Assemblies for use in wet locations 42
53 Resistance to Ultraviolet Light and Water 43
54 Mold Stress 43
55 Water Absorption 44
56 Dielectric Voltage Withstand 44
57 Hot-Wire Ignition 44
58 Crushing 45
59 Impact 45
60 Flammability 45

BOXES INTENDED FOR USE WITH ELECTRICAL NONMETALLIC TUBING

CONSTRUCTION

61 General 46

PERFORMANCE

62 General 46

COVERS INTENDED FOR USE WITH BOXES INTENDED FOR USE WITH ELECTRICAL NONMETALLIC TUBING

CONSTRUCTION

63 General 47

PERFORMANCE

64 General 47

BOXES AND COVERS INTENDED FOR USE WITH RIGID NONMETALLIC CONDUIT

CONSTRUCTION

65 General 47
66 Bodies, Boxes, and Covers 47
66.1 General 47
66.2 Thickness 48
66.3 Connections for conduit 48
66.4 Covers 50
67 Boxes Intended for Use in Wet Locations 53
68 Conduit Bodies – Device Mounting 53

PERFORMANCE

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69 General 55
70 Knockouts 55
71 Supports 55
72 Closures 55
73 Water Absorption 56
74 Flame-Retardant Properties 56
75 Heat Distortion 56
76 Extrusion or Molding Process 57
77 Physical Properties 57
77.1 General 57
77.2 Preparation of specimens 57
77.3 Test method 59
78 Identification Tests 59
79 Flexural Strength 60
80 Resistance to Crushing 60
81 Low-Temperature Handling 60
82 Resistance to Impact 60
83 Bending 61
84 Pull Out 62
85 Resistance to Specific Reagents 62
86 Wet Locations 63
87 Concrete Tightness 67

FLOOR NOZZLES

CONSTRUCTION

88 Materials 67
88.1 General 67
88.2 Relative thermal index 68

PERFORMANCE

89 General 68
90 Resistance to Impact 68
91 Resistance to Crushing 69

MARKING

92 Details 70
92.1 General 70
92.2 Boxes intended for use with nonmetallic-sheathed cable or open wiring 72
92.3 Boxes intended for use with rigid nonmetallic conduit 73
92.4 Outlet box covers for use in wet and damp locations 73
92.5 Boxes intended for use with electrical nonmetallic tubing 73
92.6 Assemblies encompassing receptacles and nonmetallic covers 73
93 Instructions 74

SUPPLEMENT SA – NONMETALLIC OUTLET BOXES FOR MARINE USE

GENERAL

SA1 Scope 75
SA2 Glossary 75

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CONSTRUCTION

SA3 General....75
SA4 Mounting....75
SA5 Supply Connections....75

PERFORMANCE

SA6 Watertight Test....76
SA7 Dripproof Test....76
SA8 Air-Oven Conditioning Test – Gaskets....76

MARKING

SA9 General....76

SUPPLEMENT SB – NONMETALLIC BOXES FOR INSTALLATION IN FIRE RESISTANCE RATED WALL AND PARTITION ASSEMBLIES

GENERAL

SB1 Scope....77
SB2 Glossary....77

CONSTRUCTION

SB3 General....77

PERFORMANCE

SB4 General....78
SB5 Test Assembly....78
SB5.1 General....78
SB5.2 Materials....82
SB5.3 Construction of the test assembly....82
SB5.4 Testing....83
SB6 Acceptance Criteria....83

MARKING

SB7 General....83

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INTRODUCTION

1 Scope

1.1 These requirements cover nonmetallic outlet boxes, conduit bodies, flush-device boxes, extension rings, covers, floor boxes, floor nozzles, and concrete boxes to be employed in accordance with the National Electrical Code, NFPA 70.

1.2 These requirements do not cover boxes and covers for use in hazardous locations as defined in the National Electrical Code, NFPA 70.

1.3 These requirements do not cover cabinets and cutout boxes.

1.4 These requirements do not cover junction boxes for swimming pool luminaires.

2 Terminology

2.1 In the following text, a requirement that applies only to one or more types of box or cover is so identified by a specific reference in that requirement to the type or types of boxes or covers involved. Absence of such reference indicates that the requirement applies to all types of boxes or covers.

3 Glossary

3.1 For the purpose of this standard the following definitions apply.

3.2 BAR HANGER – An adjustable supporting device intended for the support of an outlet box, conduit box, or device box between two structural members in a finished or unfinished structure.

3.3 BOX EXTENDER – A component installed in or on a box that is mounted in a finished structure intended to extend the electrical enclosure up to the new finished surface. The box extender rests on the edge of the existing box (fixed depth) or extends into the box (adjustable depth). The flange of the box extender, if provided, rests on the finished surface.

3.4 CLAMP – Part of a box intended to secure raceway, tubing, or cable to the box.

3.5 CONCRETE BOX – A box intended for support in concrete. It may be constructed to permit end-to-end extension and the application of covers on two sides. It is not intended for installation in a floor.

3.6 CONDUIT BODY – A separate part of a raceway system intended to provide access to the interior of the system through one or more removable covers and/or sockets at a junction of two or more sections or at a terminal point. Boxes, such as FS, FD, and larger boxes, and fittings, such as capped elbows and service entrance elbows, are not considered to be conduit bodies.

3.6A DECK BOX – A box provided with means for flush mounting in outdoor deck applications.

3.7 EXTENSION RING – A ring, which is not required to be round, intended to extend the sides of an outlet box or flush-device box to increase the box depth, volume or both. It is mechanically secured to the box.

3.8 FLOOR BOX – A box provided with means for flush mounting in a floor. It is sealed against the entrance of scrub water at the floor level.

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