UL 1441A

STANDARD FOR SAFETY

Sleeving for Cable Management

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UL Standard for Safety for Sleeving for Cable Management, UL 1441A

First Edition, Dated June 30, 2026

Summary of Topics

This is the First Edition of ANSI/UL 1441A, Standard for Sleeving for Cable Management dated June 30, 2026.

The new requirements are substantially in accordance with Proposal(s) on this subject dated April 17, 2026.

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JUNE 30, 2026

ANSI/UL 1441A-2026

UL 1441A

Standard for Sleeving for Cable Management

First Edition

June 30, 2026

This ANSI/UL Standard for Safety consists of the First Edition.

The most recent designation of ANSI/UL 1441A as an American National Standard (ANSI) occurred on June 30, 2026. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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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INTRODUCTION

1 Scope

1.1 These requirements cover woven, braided, knitted, expandable, shrinkable, spiral wrap, or polymeric sleeving intended for the management of systems in electrical installations, such as securing, covering, harnesses, or additional protection to bundles of wires, cables, and the like.

1.2 Sleeving is installed as outer covering for conductors, cords, cables, tubing, and similar.

1.3 Sleeving may be installed in specific conditions and exposures of the intended use, i.e. flammability, oil, sunlight. The final acceptance is dependent upon its use in complete equipment that conforms with the standards applicable to such equipment.

1.4 Sleeving is intended to be installed over insulated conductors and does not provide electrical insulation due to the openings inherent in the weave construction of the sleeving fabric.

1.5 Sleeving may be employed in equipment where it is not subjected to repeated flexing or severe mechanical stress.

1.6 These requirements do not apply to coated or impregnated electrical sleeving, extruded tubing with reinforcement, extruded insulating (electrical) tubing, or tubing intended only for mechanical protection, since they are covered by other requirements that is intended for use in equipment designed to be installed and used in accordance with the rules of NFPA 70®, *National Electrical Code*® (NEC®).

Note 1: Coated Sleeving is covered in the Standard for Coated Electrical Sleeving, UL 1441.

Note 2: Extruded Electrical Tubing is covered in the Standard for Extruded Insulating Tubing, UL 224.

Note 3: Mechanical Protection Tubing (MPT) is covered in the Standard for Mechanical Protection Tubing (MPT) and Fittings, UL 1696.

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2 Units of Measurement

2.1 The values given in SI (metric) units shall be normative. Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 Referenced Publications

3.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

3.2 The following publications are referenced in this Standard:

ASTM D2671, *Standard Test Methods for Heat-Shrinkable Tubing for Electrical Use*

ASTM D350, *Standard Test Methods for Flexible Treated Sleeving Used for Electrical Insulation*

ASTM D412, *Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers – Tension*

ASTM D471, *Standard Test Methods for Rubber Property – Effects of Liquids*

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