

## STANDARD INFORMATION

**Standard:** UL 493

**Standard ID:** Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables [UL 493:2018 Ed.10+R:07Nov2023]

**Previous Standard ID:** Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables [UL 493:2018 Ed.10+R:09Jan2023]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **November 7, 2025**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

**Overview of Changes:** Changes to Requirements in NEC Related to Copper-Clad Aluminum. Specific details of new/revise requirements are found in table below.

***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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 <u>underlined</u> and deletions are shown <del>lined-out</del> below.</i>
4	Info	<b>Construction</b>
4.3	Info	<b>Conductors</b>
4.3.1		Only soft-annealed copper, copper-clad aluminum, or an acceptable aluminum alloy shall be used for the conductor or conductors in a cable. Soft-annealed copper shall comply with ASTM B3. Solid aluminum conductors in size 12 – 8 AWG shall comply with the requirements for aluminum-wire stock (aluminum-alloy conductor material). All other aluminum conductors shall comply with the requirements for semi-annealed 8000 series aluminum conductors in Section 10 of UL 1581. Copper-clad aluminum conductors shall comply with the Requirements for Copper-Clad Aluminum Conductors Used in Building Wire in <del>Section 11</del> <u>Section 12</u> of UL 1581. In a given cable, all conductors shall be of the same metal.