

STANDARD INFORMATION

Standard: UL 1277

Standard ID: Electrical Power and Control Tray Cables with Optional-Fiber Members [UL 1277:2018 Ed.6+R:27Nov2023]

Previous Standard ID: Electrical Power and Control Tray Cables with Optional-Fiber Members [UL 1277:2018 Ed.6+R:27Oct2022]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 27, 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 Reports not updated to this version by the effective date above will be withdrawn.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: 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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 lined-out below.</i>
6	Info	All Conductors
6.1		Except for the thermocouple alloy for thermocouple-extension cables, only copper, copper-clad aluminum, or an acceptable aluminum alloy shall be used for the conductors in a cable. Soft-annealed copper shall comply with ASTM B 3. Solid aluminum conductors in sizes 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 Requirements for Aluminum Conductors of an 8000 Series Alloy, Section 10, of the Reference Standard for Electrical Wires, Cables, and Flexible Cords, UL 1581. Copper-Clad aluminum conductors shall comply with the requirements in Requirements for Copper-Clad Aluminum Conductors Used in Building Wire, Section 11 <u>Section 12</u> of UL 1581.