

UNDERWRITERS LABORATORIES INC. CERTIFICATION REQUIREMENT DECISION

This Certification Requirement Decision is prepared by UL LLC. It is normative for the applicable UL Product Certification Program(s); however, it is currently not part of the UL Standard(s) referenced below.

Product Category (CCN): ZODZ / 7

Standard Number: UL 62275

Standard Title: Standard for Cable Management Systems - Cable Ties For Electrical Installations

Edition Date: October 14, 2016

Edition Number: 2

Section / Paragraph Reference: Clause 9.6.2

Subject: Heat Ageing

DECISION:

9.6.2 After heat ageing

The test is carried out on a new set of ten non-metallic and composite cable ties. Metallic cable ties are not required to be subjected to this test. Each sample shall be installed on a test mandrel as specified in 5.9.

Moisture stabilisation according to 5.2 before heat ageing is not applicable for this test

The samples shall be aged in a full draft circulating-air oven with forced air at the maximum declared temperature according to Table 4 increased by $(15 \pm 1) ^\circ\text{C}$ for $(1\,000^{+48}_0)$ h. Then the samples and the mandrels shall be conditioned according to 5.2.

Each sample shall be subjected to a tensile pull until the load equivalent to the loop tensile strength declared by the manufacturer is reached. This load is maintained for (60^{+5}_0) s.

The samples shall be deemed to have passed the test if the samples perform according to the requirements in 9.6.1.

RATIONALE FOR DECISION:

Clause 9.6.2 : The revision is intended to align the UL 62275 requirement with the current practice for metallic cable ties.

No future effective date will be required.

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