UL 401

STANDARD FOR SAFETY

Portable Spray Hose Nozzles for Fire-Protection Service

UL Standard for Safety for Portable Spray Hose Nozzles for Fire-Protection Service, UL 401

Fifth Edition, Dated October 16, 2014

Summary of Topics

This revision of ANSI/UL 401 dated October 07, 2026 includes the following changes in requirements:

Alternative Marking Updates to Section 27

– FLUSH Mode at the Rated Inlet Pressure; 14.8

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.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated June 12, 2026.

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Standard For Portable Spray Hose Nozzles for Fire-Protection Service

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Fourth Edition – April, 2004

Fifth Edition

October 16, 2014

This ANSI/UL Standard for Safety consists of the Fifth Edition including revisions through October 7, 2026.

The most recent designation of ANSI/UL 401 as an American National Standard (ANSI) occurred on October 7, 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.org.

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INTRODUCTION

1 Scope

1.1 These requirements cover portable hand line spray hose nozzles intended for general fire fighting or for use with fire hose mounted on standpipe systems.

1.2 Requirements for the installation and use of spray nozzles used in standpipe systems are intended to be in accordance with the Standard for Standpipe, and Hose Systems, NFPA 14.

1.3 Nozzles covered by this Standard are intended to be inspected and maintained in accordance with Standard for the Inspection, Care and Use of Fire Hose, Couplings and Nozzles and the Service Testing of Fire Hose, NFPA 1962, and the Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems, NFPA 25, when used in standpipe systems.

1.4 Nozzles covered by this Standard are intended for use on:

a) Class A common combustibles such as wood and paper, and B flammable liquid fires; or

b) Class A, B, and C, if suitable for use on electrically energized fires.

2 Components

2.1 Except as indicated in 2.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix for a list of standards covering components generally used in the products covered by this standard.

2.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard, or

b) Is superseded by a requirement in this standard.

2.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

3 Units of Measurement

3.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

4 Undated References

4.1 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.

5 Glossary

5.1 For the purpose of these requirements, the following definitions apply.

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