



UL 2443

STANDARD FOR SAFETY

Flexible Sprinkler Hose with Fittings for Fire Protection Service

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UL Standard for Safety for Flexible Sprinkler Hose with Fittings for Fire Protection Service, UL 2443

Third Edition, Dated August 5, 2015

Summary of Topics

This is the Third Edition of the Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service, UL 2443. The following substantive changes from the Second Edition are now included:

Stress Corrosion Cracking of Stainless Steel Parts Test

High Pressure Flow Test

Fatigue Tests

Revisions to Clarify and Update Test Method and Requirements

Definition of a Bend

Minimum number of bends for testing

Tool or template for verifying minimum bend radii

The requirements are substantially in accordance with Proposal(s) on this subject dated March 13, 2015 and June 5, 2015.

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August 5, 2015



ANSI/UL 2443-2015

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UL 2443

**Standard for Flexible Sprinkler Hose with Fittings for Fire Protection
Service**

First Edition November, 2004

Second Edition May, 2010

Third Edition

August 5, 2015

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

The most recent designation of ANSI/UL 2443 as an American National Standard (ANSI) occurred on August 4, 2015. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page, or effective date information.

Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

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INTRODUCTION

1 Scope

1.1 This standard covers flexible sprinkler hose with fittings intended for direct connection to fire sprinklers in installations requiring a flexible attachment to the sprinkler system piping such as clean rooms, suspended ceilings, and exhaust ducts.

1.2 The products covered by this standard are intended for use in sprinkler systems installed in accordance with the Standard for Installation of Sprinkler Systems, NFPA 13; Standard for the Installation of Sprinkler Systems in Residential Occupancies Up to Four Stories in Height, NFPA 13R; and Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Mobile Homes, NFPA 13D.

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.

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.