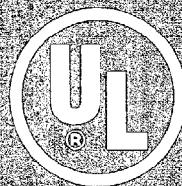


Standard for Safety

UL 219

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Lined Fire Hose for Interior Standpipes



Underwriters Laboratories Inc.®

Standard



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April 29, 1993

Standard for

Lined Fire Hose for Interior Standpipes

UL 219, Second Edition

Accompanying this transmittal notice is a copy of the Second edition of UL 219.

THIS EDITION OF THE STANDARD IS NOW IN EFFECT.

Revised and/or additional pages may be issued from time to time.

APRIL 29, 1993

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UL 219

Standard for

Lined Fire Hose for Interior Standpipes

First Edition – January, 1983

Second Edition

April 29, 1993

An effective date included as a note immediately following certain requirements is one established by Underwriters Laboratories Inc.

Revisions of this standard will be made by issuing revised or additional pages bearing their date of issue. A UL Standard is current only if it incorporates the most recently adopted revisions, all of which are itemized on the transmittal notice that accompanies the latest published set of revision pages.

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(1 – 04/29/93 – 04/29/93)

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FOREWORD

A. This Standard contains basic requirements for products covered by Underwriters Laboratories Inc. (UL) under its Follow-Up Service for this category within the limitations given below and in the Scope section of this Standard. These requirements are based upon sound engineering principles, research, records of tests and field experience, and an appreciation of the problems of manufacture, installation, and use derived from consultation with and information obtained from manufacturers, users, inspection authorities, and others having specialized experience. They are subject to revision as further experience and investigation may show is necessary or desirable.

B. The observance of the requirements of this Standard by a manufacturer is one of the conditions of the continued coverage of the manufacturer's product.

C. A product which complies with the text of this Standard will not necessarily be judged to comply with the Standard if, when examined and tested, it is found to have other features which impair the level of safety contemplated by these requirements.

D. A product employing materials or having forms of construction differing from those detailed in the requirements of this Standard may be examined and tested according to the intent of the requirements and, if found to be substantially equivalent, may be judged to comply with the Standard.

E. UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. The opinions and findings of UL represent its professional judgment given with due consideration to the necessary limitations of practical operation and state of the art at the time the Standard is processed. UL shall not be responsible to anyone for the use of or reliance upon this Standard by anyone. UL shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use, interpretation of or reliance upon this Standard.

F. Many tests required by the Standards of UL are inherently hazardous and adequate safeguards for personnel and property shall be employed in conducting such tests.

INTRODUCTION

1 Scope

1.1 These requirements cover lined interior standpipe fire hose in the 1-1/2 and 2-1/2 inch sizes that is intended:

- a) For fire-protection purposes only;
- b) For use with inside standpipes installed in accordance with the Standard for the Installation of Standpipe and Hose Systems, NFPA 14;
- c) For use on hose racks and reels and in cabinets where the specific combination of hose and rack, reel, or cabinet has been investigated and found acceptable;
- d) To withstand infrequent service; and
- e) To be periodically inspected and maintained while in service, as outlined in the Standard for the Care, Use and Service Testing of Fire Hose Including Connections and Nozzles, NFPA 1962.

1.2 The 1-1/2 inch size hose is intended for use primarily by the building occupants for the control of incipient fires until the arrival of the fire department; that is, for Class II Service as defined in the Standard for the Installation of Standpipe and Hose Systems, NFPA 14.

1.3 The 2-1/2 inch size hose is intended for use by fire departments and those trained in handling large water streams required during the more advance stages of fire on the inside of buildings or for exposure fire protection, that is, for Class I Service as defined in the Standard for the Installation of Standpipe and Hose Systems, NFPA 14.

1.4 These requirements do not cover couplings nor their method of attachment.

1.5 A product that contains features, characteristics, components, materials, or systems new or different from those in use when the standard was developed and that involves a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the level of safety for the user of the product as originally anticipated by the intent of this standard.

2 General

2.1 Units of measurement

2.1.1 If a value for measurement is followed by a value in other units in parentheses, the second value may be only approximate. The first stated value is the requirement.

2.2 Components

2.2.1 Except as indicated in paragraph 2.2.2, a component of a value covered by this standard shall comply with the requirements for that component.